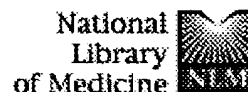


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



















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
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































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



















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
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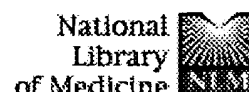
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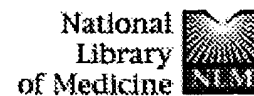
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
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
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
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
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
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
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
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
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
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
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








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
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
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
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
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
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


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


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
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
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
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
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L2 236 L1 AND POTENTIATION

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L3 122 DUP REM L2 (114 DUPLICATES REMOVED)

=> D L3 1-122

L3 ANSWER 1 OF 122 USPATFULL on STN
AN 2004:7427 USPATFULL
TI Potential growth factors from the human tumour cell line ht 1080
IN Minger, Stephen L., London, UNITED KINGDOM
Adams, Gregor, London, UNITED KINGDOM
Francis, Paul, London, UNITED KINGDOM
Mcclure, Myra, London, UNITED KINGDOM
PI US 2004005661 A1 20040108
AI US 2003-344503 A1 20030708 (10)
WO 2001-GB3523 20010806
PRAI GB 2000-19705 20000810
DT Utility
FS APPLICATION
LN.CNT 1664
INCL INCLM: 435/069.100
INCLS: 435/226.000; 435/320.100; 435/366.000; 530/350.000; 536/023.200
NCL NCLM: 435/069.100
NCLS: 435/226.000; 435/320.100; 435/366.000; 530/350.000; 536/023.200
IC [7]
ICM: C12N009-64
ICS: C07H021-04; C12N005-08; C07K014-47; C12P021-02
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 122 USPATFULL on STN DUPLICATE 1
AN 2003:30224 USPATFULL
TI Methods of identifying agents that affect cleavage of amyloid-beta precursor protein
IN Sudhof, Thomas C., Dallas, TX, UNITED STATES
Cao, Xinwei, Dallas, TX, UNITED STATES
PA THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS (U.S. corporation)
PI US 2003022171 A1 20030130
US 6649346 B2 20031118
AI US 2001-821861 A1 20010330 (9)
DT Utility
FS APPLICATION
LN.CNT 1538
INCL INCLM: 435/006.000
INCLS: 435/368.000; 435/320.100
NCL NCLM: 435/006.000
NCLS: 435/091.100; 435/320.100; 435/325.000
IC [7]
ICM: C12Q001-68
ICS: C12N005-08; C12N015-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 122 USPATFULL on STN
AN 2003:329826 USPATFULL
TI Genes involved in immune related responses observed with asthma
IN Groot, Pieter Cornelis, Den Haag, NETHERLANDS
van Bergenhenegouwen, Bram Jeroen, Utrecht, NETHERLANDS
van Oosterhout, Antonius Josephus Maria, Utrecht, NETHERLANDS
PI US 2003232037 A1 20031218
AI US 2003-369214 A1 20030215 (10)
RLI Continuation of Ser. No. WO 2001-NL610, filed on 16 Aug 2001, UNKNOWN
PRAI EP 2000-202867 20000816
DT Utility
FS APPLICATION
LN.CNT 3285
INCL INCLM: 424/093.210
INCLS: 435/006.000; 536/023.200; 424/085.100
NCL NCLM: 424/093.210
NCLS: 435/006.000; 536/023.200; 424/085.100
IC [7]
ICM: A61K048-00
ICS: C12Q001-68; C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 122 USPATFULL on STN
AN 2003:304329 USPATFULL
TI Neurosteroids as markers for alzheimer's disease
IN Papadopoulos, Vassilios, North Potomac, MD, UNITED STATES
Brown, Rachel C., Tucson, AZ, UNITED STATES

Cascio, Caterina, Lucca Sicula, ITALY
PI US 2003213746 A1 20031120
AI US 2003-181255 A1 20030213 (10)
WO 2001-US2476 20010126
DT Utility
FS APPLICATION
LN.CNT 1659
INCL INCLM: 210/634.000
INCLS: 210/656.000; 436/161.000; 436/063.000; 436/178.000; 436/175.000
NCL NCLM: 210/634.000
NCLS: 210/656.000; 436/161.000; 436/063.000; 436/178.000; 436/175.000
IC [7]
ICM: B01D011-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 122 USPATFULL on STN
AN 2003:282611 USPATFULL
TI Human cDNAs and proteins and uses thereof
IN Bejanin, Stephane, Paris, FRANCE
Tanaka, Hiroaki, Antony, FRANCE
PA GENSET, S.A., Paris, FRANCE (non-U.S. corporation)
PI US 2003198954 A1 20031023
AI US 2001-1142 A1 20011114 (10)
RLI Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
PRAI WO 2001-IB1715 20010806
US 2001-305456P 20010713 (60)
US 2001-302277P 20010629 (60)
US 2001-298698P 20010615 (60)
US 2001-293574P 20010525 (60)
DT Utility
FS APPLICATION
LN.CNT 25681
INCL INCLM: 435/006.000
INCLS: 536/023.200
NCL NCLM: 435/006.000
NCLS: 536/023.200
IC [7]
ICM: C12Q001-68
ICS: C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 122 USPATFULL on STN
AN 2003:265302 USPATFULL
TI Protein-protein interactions in neurodegenerative diseases
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
Bartel, Paul L., Salt Lake City, UT, UNITED STATES
Heichman, Karen, Salt Lake City, UT, UNITED STATES
PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)
PI US 2003186317 A1 20031002
AI US 2001-971782 A1 20011009 (9)
PRAI US 2000-240790P 20001017 (60)
DT Utility
FS APPLICATION
LN.CNT 3143
INCL INCLM: 435/007.100
INCLS: 435/007.900
NCL NCLM: 435/007.100
NCLS: 435/007.900
IC [7]
ICM: G01N033-53
ICS: G01N033-542
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 7 OF 122 USPATFULL on STN
AN 2003:258327 USPATFULL
TI Modulating lymphoid commitment and survival
IN Pear, Warren S., Philadelphia, PA, UNITED STATES
Allman, David, Havertown, PA, UNITED STATES
He, Yiping, Philadelphia, PA, UNITED STATES
Izon, David J., Wembley, AUSTRALIA
Aster, Jon C., Lexington, MA, UNITED STATES
PI US 2003181380 A1 20030925
AI US 2003-385591 A1 20030310 (10)
PRAI US 2002-363018P 20020308 (60)
DT Utility
FS APPLICATION

LN.CNT 3669
INCL INCLM: 514/012.000
NCL NCLM: 514/012.000
IC [7]
ICM: A61K038-17
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 8 OF 122 USPATFULL on STN
AN 2003:257733 USPATFULL
TI Novel human Delta3 compositions and therapeutic and diagnostic uses therefor
IN McCarthy, Sean A., San Diego, CA, UNITED STATES
Gearing, David P., East Doncaster, AUSTRALIA
PA Millennium Pharmaceuticals, Inc. (U.S. corporation)
PI US 2003180784 A1 20030925
AI US 2003-417719 A1 20030417 (10)
RLI Continuation of Ser. No. US 2000-568218, filed on 9 May 2000, PENDING
Continuation-in-part of Ser. No. US 1997-872855, filed on 11 Jun 1997, GRANTED, Pat. No. US 6121045
Continuation-in-part of Ser. No. US 1997-832633, filed on 4 Apr 1997, ABANDONED
DT Utility
FS APPLICATION
LN.CNT 11165
INCL INCLM: 435/006.000
INCLS: 435/007.100; 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
NCL NCLM: 435/006.000
NCLS: 435/007.100; 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
IC [7]
ICM: C12Q001-68
ICS: G01N033-53; C07H021-04; C12P021-02; C12N005-06; C07K014-705
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 9 OF 122 USPATFULL on STN
AN 2003:244219 USPATFULL
TI Human cDNAs and proteins and uses thereof
IN Bejanin, Stephane, Paris, FRANCE
Tanaka, Hiroaki, Antony, FRANCE
PA GENSET, S.A., Paris, FRANCE (non-U.S. corporation)
PI US 2003170628 A1 20030911
AI US 2001-999570 A1 20011114 (9)
RLI Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
PRAI WO 2001-IB1715 20010806
US 2001-305456P 20010713 (60)
US 2001-302277P 20010629 (60)
US 2001-298698P 20010615 (60)
US 2001-293574P 20010525 (60)
DT Utility
FS APPLICATION
LN.CNT 25549
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/007.100; 435/320.100; 435/325.000; 530/350.000; 530/388.100; 536/023.500
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/007.100; 435/320.100; 435/325.000; 530/350.000; 530/388.100; 536/023.500
IC [7]
ICM: C12Q001-68
ICS: G01N033-53; C07H021-04; C12P021-02; C12N005-06; C07K014-47
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 10 OF 122 USPATFULL on STN
AN 2003:238736 USPATFULL
TI 14715, a human fringe family member and uses therefor
IN Kapeller-Libermann, Rosana, Chestnut Hill, MA, UNITED STATES
Anderson, Karen L., Watertown, MA, UNITED STATES
PA Millennium Pharmaceuticals, Inc. (U.S. corporation)
PI US 2003166894 A1 20030904
AI US 2002-141604 A1 20020508 (10)
PRAI US 2001-289894P 20010509 (60)
DT Utility
FS APPLICATION
LN.CNT 4683
INCL INCLM: 536/023.100
NCL NCLM: 536/023.100

IC [7]
ICM: C07H021-02
ICS: C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 11 OF 122 USPATFULL on STN
AN 2003:232533 USPATFULL
TI Modulation of DENN-MADD expression and interactions for treating
neurological disorders
IN Miller, Carol A., San Marino, CA, UNITED STATES
Villar, Keith Del, Los Angeles, CA, UNITED STATES
PI US 2003162734 A1 20030828
AI US 2002-187264 A1 20020628 (10)
PRAI US 2001-301608P 20010628 (60)
DT Utility
FS APPLICATION
LN.CNT 2629
INCL INCLM: 514/044.000
INCLS: 514/341.000; 514/410.000
NCL NCLM: 514/044.000
NCLS: 514/341.000; 514/410.000
IC [7]
ICM: A61K048-00
ICS: A61K031-4439; A61K031-407
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 12 OF 122 USPATFULL on STN
AN 2003:231986 USPATFULL
TI Human cDNAs and proteins and uses thereof
IN Bejanin, Stephane, Paris, FRANCE
Tanaka, Hiroaki, Antony, FRANCE
PA GENSET, S.A., Paris, FRANCE (non-U.S. corporation)
PI US 2003162186 A1 20030828
AI US 2002-154678 A1 20020522 (10)
PRAI US 2001-293574P 20010525 (60)
US 2001-298698P 20010615 (60)
US 2001-302277P 20010629 (60)
US 2001-305456P 20010713 (60)
DT Utility
FS APPLICATION
LN.CNT 25533
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.200
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.200
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 13 OF 122 USPATFULL on STN
AN 2003:225673 USPATFULL
TI Human cDNAs and proteins and uses thereof
IN Bejanin, Stephane, Paris, FRANCE
Tanaka, Hiroaki, Antony, FRANCE
PA GENSET, S.A., Paris, FRANCE (non-U.S. corporation)
PI US 2003157485 A1 20030821
AI US 2001-992095 A1 20011113 (9)
RLI Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
PRAI WO 2001-IB1715 20010806
US 2001-305456P 20010713 (60)
US 2001-302277P 20010629 (60)
US 2001-298698P 20010615 (60)
US 2001-293574P 20010525 (60)
DT Utility
FS APPLICATION
LN.CNT 25484
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/320.100; 435/325.000; 435/226.000; 800/008.000;
536/023.200; 530/388.260; 435/007.200
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/320.100; 435/325.000; 435/226.000; 800/008.000;
536/023.200; 530/388.260; 435/007.200
IC [7]
ICM: C12Q001-68
ICS: G01N033-53; G01N033-567; A01K067-00; C07H021-04; C12N009-64;

C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 14 OF 122 USPATFULL on STN
AN 2003:220740 USPATFULL
TI Methods and compositions for diagnosing and treating rheumatoid
arthritis
IN Pittman, Debra D., Windham, NH, UNITED STATES
Feldman, Jeffrey L., Arlington, MA, UNITED STATES
Shields, Kathleen M., Harvard, MA, UNITED STATES
Trepicchio, William L., Andover, MA, UNITED STATES
PI US 2003154032 A1 20030814
AI US 2001-23451 A1 20011217 (10)
PRAI US 2000-255861P 20001215 (60)
DT Utility
FS APPLICATION
LN.CNT 25385
INCL INCLM: 702/020.000
NCL NCLM: 702/020.000
IC [7]
ICM: G06F019-00
ICS: G01N033-48

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 15 OF 122 USPATFULL on STN
AN 2003:194512 USPATFULL
TI Methods of identifying agents that affect cleavage of amyloid-beta
precursor protein
IN Sudhof, Thomas C., Dallas, TX, UNITED STATES
Cao, Xinwei, Dallas, TX, UNITED STATES
PA Board of Regents, The University of Texas System (U.S. corporation)
PI US 2003134323 A1 20030717
AI US 2003-356456 A1 20030131 (10)
RLI Continuation of Ser. No. US 2001-821861, filed on 30 Mar 2001, PENDING
DT Utility
FS APPLICATION
LN.CNT 2522
INCL INCLM: 435/006.000
INCLS: 435/007.200; 435/069.100; 435/320.100; 435/368.000; 435/226.000;
536/023.200
NCL NCLM: 435/006.000
NCLS: 435/007.200; 435/069.100; 435/320.100; 435/368.000; 435/226.000;
536/023.200
IC [7]
ICM: C12Q001-68
ICS: G01N033-53; G01N033-567; C07H021-04; C12N009-64; C12P021-02;
C12N005-08

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 16 OF 122 USPATFULL on STN
AN 2003:173258 USPATFULL
TI Potassium channel interactors and uses therefor
IN Rhodes, Kenneth, Neshanic Station, NJ, UNITED STATES
Betty, Maria, Moorestown, NJ, UNITED STATES
Ling, Huai-Ping, Princeton Junction, NJ, UNITED STATES
An, Wenqian, Framingham, MA, UNITED STATES
PA Millennium Pharmaceuticals, Inc. (U.S. corporation)
PI US 2003119102 A1 20030626
AI US 2002-106989 A1 20020325 (10)
RLI Division of Ser. No. US 1999-399913, filed on 21 Sep 1999, GRANTED, Pat.
No. US 6361971
PRAI US 1998-110033P 19981125 (60)
US 1998-109333P 19981120 (60)
US 1998-110277P 19981130 (60)
DT Utility
FS APPLICATION
LN.CNT 9063
INCL INCLM: 435/069.100
INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500
NCL NCLM: 435/069.100
NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500
IC [7]
ICM: C12P021-02
ICS: C12N005-06; C07K014-47; C07H021-04

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 17 OF 122 USPATFULL on STN
AN 2003:159316 USPATFULL
TI Methods of identifying agents that affect cleavage of amyloid-beta precursor protein
IN Sudhof, Thomas C., Dallas, TX, UNITED STATES
Cao, Xinwei, Dallas, TX, UNITED STATES
PI US 2003108929 A1 20030612
AI US 2002-266325 A1 20021008 (10)
RLI Division of Ser. No. US 2001-821861, filed on 30 Mar 2001, PENDING
DT Utility
FS APPLICATION
LN.CNT 1602
INCL INCLM: 435/006.000
INCLS: 435/007.210
NCL NCLM: 435/006.000
NCLS: 435/007.210
IC [7]
ICM: C12Q001-68
ICS: G01N033-567
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 18 OF 122 USPATFULL on STN
AN 2003:140406 USPATFULL
TI Human cDNAs and proteins and uses thereof
IN Bejanin, Stephane, Paris, FRANCE
Tanaka, Hiroaki, Antony, FRANCE
PA GENSET, S.A., Paris, FRANCE, 75008 (non-U.S. corporation)
PI US 2003096247 A1 20030522
AI US 2001-986 A1 20011114 (10)
RLI Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
PRAI WO 2001-IB1715 20010806
US 2001-305456P 20010713 (60)
US 2001-302277P 20010629 (60)
US 2001-298698P 20010615 (60)
US 2001-293574P 20010525 (60)
DT Utility
FS APPLICATION
LN.CNT 25656
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;
536/023.200; 800/008.000
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;
536/023.200; 800/008.000
IC [7]
ICM: C12Q001-68
ICS: A01K067-00; C07H021-04; C12N009-00; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 19 OF 122 USPATFULL on STN
AN 2003:133926 USPATFULL
TI Human cDNAs and proteins and uses thereof
IN Bejanin, Stephane, Paris, FRANCE
Tanaka, Hiroaki, Antony, FRANCE
PA GENSET, S.A., Paris, FRANCE, 75008 (non-U.S. corporation)
PI US 2003092011 A1 20030515
AI US 2001-489 A1 20011114 (10)
RLI Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
PRAI WO 2001-IB1715 20010806
US 2001-305456P 20010713 (60)
US 2001-302277P 20010629 (60)
US 2001-298698P 20010615 (60)
US 2001-293574P 20010525 (60)
DT Utility
FS APPLICATION
LN.CNT 25607
INCL INCLM: 435/006.000
INCLS: 800/003.000; 435/007.900; 435/183.000; 435/069.100; 435/320.100;
435/325.000; 536/023.200
NCL NCLM: 435/006.000
NCLS: 800/003.000; 435/007.900; 435/183.000; 435/069.100; 435/320.100;
435/325.000; 536/023.200
IC [7]
ICM: C12Q001-68
ICS: G01N033-53; G01N033-542; C07H021-04; C12N009-00; C12P021-02;
C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 20 OF 122 USPATFULL on STN
AN 2003:93052 USPATFULL
TI Nucleic acid molecules, polypeptides and uses therefor, including
diagnosis and treatment of Alzheimer's disease
IN Herath, Herath Mudiyansele Athula Chandrasiri, Abingdon, UNITED
KINGDOM
Parekh, Rajesh Bhikhu, Near Wendlebury, UNITED KINGDOM
Rohlff, Christian, Oxford, GERMANY, FEDERAL REPUBLIC OF
PI US 2003064411 A1 20030403
AI US 2001-14340 A1 20011210 (10)
PRAI US 2000-254431P 20001208 (60)
DT Utility
FS APPLICATION
LN.CNT 10377
INCL INCLM: 435/007.200
INCLS: 702/019.000
NCL NCLM: 435/007.200
NCLS: 702/019.000
IC [7]
ICM: G01N033-53
ICS: G01N033-567; G06F019-00; G01N033-48; G01N033-50

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 21 OF 122 USPATFULL on STN
AN 2003:37603 USPATFULL
TI Human cDNAs and proteins and uses thereof
IN Bejanin, Stephane, Paris, FRANCE
Tanaka, Hiroaki, Antony, FRANCE
PA GENSET, S.A., Paris, FRANCE, 75008 (non-U.S. corporation)
PI US 2003027248 A1 20030206
AI US 2001-924340 A1 20010806 (9)
PRAI US 2001-305456P 20010713 (60)
US 2001-302277P 20010629 (60)
US 2001-298698P 20010615 (60)
US 2001-293574P 20010525 (60)
DT Utility
FS APPLICATION
LN.CNT 25650
INCL INCLM: 435/069.100
INCLS: 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200;
435/006.000
NCL NCLM: 435/069.100
NCLS: 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200;
435/006.000
IC [7]
ICM: C12P021-02
ICS: C12Q001-68; C07H021-04; C12N009-00; C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 22 OF 122 USPATFULL on STN
AN 2003:37516 USPATFULL
TI Human cDNAs and proteins and uses thereof
IN Bejanin, Stephane, Paris, FRANCE
Tanaka, Hiroaki, Antony, FRANCE
PA GENSET, S.A., Paris, FRANCE, 75008 (non-U.S. corporation)
PI US 2003027161 A1 20030206
AI US 2001-992600 A1 20011113 (9)
RLI Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
PRAI WO 2001-IB1715 20010806
US 2001-305456P 20010713 (60)
US 2001-302277P 20010629 (60)
US 2001-298698P 20010615 (60)
US 2001-293574P 20010525 (60)
DT Utility
FS APPLICATION
LN.CNT 25529
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;
536/023.200; 800/008.000
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;
536/023.200; 800/008.000
IC [7]
ICM: C12Q001-68

ICS: A01K067-00; C07H021-04; C12N009-00; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 23 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 2
AN 2004:16123 BIOSIS
DN PREV200400020049
TI Capacitative calcium entry induces hippocampal long term
potentiation in the absence of ***presenilin*** -1.
AU Ris, Laurence; Dewachter, Ilse; Reverse, Delphine; Godaux, Emile [Reprint
Author]; Van Leuven, Fred
CS Laboratory of Neuroscience, University of Mons-Hainaut, Place du Parc, 20,
B-7000, Mons, Belgium
emile.godaux@umh.ac.be
SO Journal of Biological Chemistry, (November 7 2003) Vol. 278, No. 45, pp.
44393-44399. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 24 Dec 2003
Last Updated on STN: 24 Dec 2003

L3 ANSWER 24 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 3
AN 2003:523176 BIOSIS
DN PREV200300511013
TI Altered Abeta formation and long-term ***potentiation*** in a
calsenilin knock-out.
AU Lilliehook, Christina; Bozdagi, Ozlem; Yao, Jun; Gomez-Ramirez, Manuel;
Zaidi, Nikhat F.; Wasco, Wilma; Gandy, Sam; Santucci, Anthony C.;
Haroutunian, Vahram; Huntley, George W.; Buxbaum, Joseph D. [Reprint
Author]
CS Department of Psychiatry New York, Mount Sinai Medical Center, One Gustave
L. Levy Place, Box 1668, New York, NY, 10029, USA
Joseph.Buxbaum@mssm.edu
SO Journal of Neuroscience, (October 8 2003) Vol. 23, No. 27, pp. 9097-9106.
print.
ISSN: 0270-6474 (ISSN print).
DT Article
LA English
ED Entered STN: 5 Nov 2003
Last Updated on STN: 5 Nov 2003

L3 ANSWER 25 OF 122 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 4
AN 2003:817491 CAPLUS
DN 139:379326
TI PS2APP transgenic mice, coexpressing hPS2mut and hAPPswe, show age-related
cognitive deficits associated with discrete brain amyloid deposition and
inflammation
AU Richards, J. Grayson; Higgins, Guy A.; Ouagazzal, Abdel-Mouttalib; Ozmen,
Laurence; Kew, James N. C.; Bohrmann, Bernd; Malherbe, Pari; Brockhaus,
Manfred; Loetscher, Hansruedi; Czech, Christian; Huber, Gerda; Bluethmann,
Horst; Jacobsen, Helmut; Kemp, John A.
CS Department of Pharma Research Biology Discovery, F. Hoffmann-La Roche
Ltd., Basel, CH-4070, Switz.
SO Journal of Neuroscience (2003), 23(26), 8989-9003
CODEN: JNRSDS; ISSN: 0270-6474
PB Society for Neuroscience
DT Journal
LA English

RE.CNT 61 THERE ARE 61 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 26 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 5
AN 2003:346306 BIOSIS
DN PREV200300346306
TI ***Presenilin*** redistribution associated with aberrant cholesterol
transport enhances beta-amyloid production in vivo.
AU Burns, Mark; Gaynor, Kate; Olm, Vicki; Mercken, Marc; LaFrancois, John;
Wang, Lili; Mathews, Paul M.; Noble, Wendy; Matsuoka, Yasuji; Duff, Karen
[Reprint Author]
CS Center for Dementia Research, Nathan S. Kline Institute, 140 Old
Orangeburg Road, Orangeburg, NY, 10962, USA
duff@nki.rfmh.org
SO Journal of Neuroscience, (July 2, 2003) Vol. 23, No. 13, pp. 5645-5649.

print.
ISSN: 0270-6474 (ISSN print).
DT Article
LA English
ED Entered STN: 30 Jul 2003
Last Updated on STN: 30 Jul 2003

L3 ANSWER 27 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 6
AN 2003:334969 BIOSIS
DN PREV200300334969
TI Selectively reduced expression of synaptic plasticity-related genes in
amyloid precursor protein + ***presenilin*** -1 transgenic mice.
AU Dickey, Chad A.; Loring, Jeanne F.; Montgomery, Julia; Gordon, Marcia N.;
Eastman, P. Scott; Morgan, Dave [Reprint Author]
CS College of Medicine, Department of Pharmacology, Alzheimer's Disease
Research Laboratory, University of South Florida, 12901 Bruce B. Downs
Boulevard, MDC 9, Tampa, FL, 33612, USA
dmorgan@hsc.usf.edu
SO Journal of Neuroscience, (June 15, 2003) Vol. 23, No. 12, pp. 5219-5226.
print.
ISSN: 0270-6474 (ISSN print).
DT Article
LA English
ED Entered STN: 23 Jul 2003
Last Updated on STN: 23 Jul 2003

L3 ANSWER 28 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2004:5849 SCISEARCH
GA The Genuine Article (R) Number: 752TE
TI Environmental enrichment exacerbates amyloid plaque formation in a
Transgenic mouse model of Alzheimer disease
AU Jankowsky J L (Reprint); Xu G L; Fromholt D; Gonzales V; Borchelt D R
CS CALTECH, Div Biol, MC 156-29, Pasadena, CA 91125 USA (Reprint); Johns
Hopkins Univ, Sch Med, Dept Pathol, Baltimore, MD 21205 USA
CYA USA
SO JOURNAL OF NEUROPATHOLOGY AND EXPERIMENTAL NEUROLOGY, (DEC 2003) Vol. 62,
No. 12, pp. 1220-1227.
Publisher: AMER ASSN NEUROPATHOLOGISTS INC, 1041 NEW HAMPSHIRE ST,
LAWRENCE, KS 66044 USA.
ISSN: 0022-3069.
DT Article; Journal
LA English
REC Reference Count: 44
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 29 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:950376 SCISEARCH
GA The Genuine Article (R) Number: 736TD
TI Transgenic mouse models of Alzheimer's disease: phenotype and application
AU Higgins G A (Reprint); Jacobsen H
CS Schering Plough Res Inst, K15-2-2600, Kenilworth, NJ 07033 USA (Reprint);
Schering Plough Res Inst, Kenilworth, NJ 07033 USA; Hoffmann La Roche AG,
Basel, Switzerland
CYA USA; Switzerland
SO BEHAVIOURAL PHARMACOLOGY, (SEP 2003) Vol. 14, No. 5-6, pp. 419-438.
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA
19106-3621 USA.
ISSN: 0955-8810.
DT General Review; Journal
LA English
REC Reference Count: 182
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 30 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 7
AN 2003:433432 BIOSIS
DN PREV200300433432
TI Triple-transgenic model of Alzheimer's disease with plaques and tangles:
Intracellular Abeta and synaptic dysfunction.
AU Oddo, Salvatore; Caccamo, Antonella; Shepherd, Jason D.; Murphy, M. Paul;
Golde, Todd E.; Kaye, Rakez; Metherate, Raju; Mattson, Mark P.; Akbari,
Yama; LaFerla, Frank M. [Reprint Author]
CS Department of Neurobiology and Behavior, University of California, Irvine,
Irvine, CA, 92697, USA
laferla@uci.edu

SO Neuron, (July 31, 2003) Vol. 39, No. 3, pp. 409-421. print.
ISSN: 0896-6273 (ISSN print).
DT Article
LA English
ED Entered STN: 17 Sep 2003
Last Updated on STN: 17 Sep 2003

L3 ANSWER 31 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:865533 SCISEARCH
GA The Genuine Article (R) Number: 726BT
TI Calpain inhibitors, a treatment for Alzheimer's disease - Position paper
AU Battaglia F; Trinchese F; Liu S M; Walter S; Nixon R A; Arancio O
(Reprint)
CS NYU, Sch Med, Nathan S Kline Inst Psychiat Res, Dept Psychiat, Orangeburg,
NY 10962 USA (Reprint)
CYA USA
SO JOURNAL OF MOLECULAR NEUROSCIENCE, (OCT 2003) Vol. 20, No. 3, pp. 357-362.
Publisher: HUMANA PRESS INC, 999 RIVERVIEW DRIVE SUITE 208, TOTOWA, NJ
07512 USA.
ISSN: 0895-8696.
DT Article; Journal
LA English
REC Reference Count: 17
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 32 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 8
AN 2003:371392 BIOSIS
DN PREV200300371392
TI Enhanced long-term ***potentiation*** in the hippocampus of rats
expressing mutant presenillin-1 is age related.
AU Pybus, Ruth; Barnard, Eleanor; Estibeiro, Peter; Mullins, John; MacLeod,
Nikki [Reprint Author]
CS Biomedical Sciences, University Medical School, George Square, Edinburgh,
EH8 9XD, UK
nikki@ed.ac.uk
SO Neurobiology of Disease, (April 2003) Vol. 12, No. 3, pp. 212-224. print.
ISSN: 0969-9961 (ISSN print).
DT Article
LA English
ED Entered STN: 13 Aug 2003
Last Updated on STN: 13 Aug 2003

L3 ANSWER 33 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:90804 SCISEARCH
GA The Genuine Article (R) Number: 635YZ
TI Transgenic mice expressing the PS1-A246E mutation: effects on spatial
learning, exploration, anxiety, and motor coordination
AU Lalonde R (Reprint); Qian S; Strazielle C
CS CHUM, Hotel Dieu, Serv Neurol, 3840 St Urbain St, Montreal, PQ H2W 1T8,
Canada (Reprint); Fac Med, Serv Microscopie Elect, F-54500 Vandoeuvre Les
Nancy, France; Univ Nancy 1, Lab Pathol Mol & Cellulaire Nutriments,
F-54500 Vandoeuvre Les Nancy, France; Merck Res Labs, Dept Biochem &
Physiol, Rahway, NJ 07065 USA; Univ Rouen, Fac Med & Pharm, INSERM EPI
9906, F-76183 Rouen, France
CYA Canada; France; USA
SO BEHAVIOURAL BRAIN RESEARCH, (6 JAN 2003) Vol. 138, No. 1, pp. 71-79.
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,
NETHERLANDS.
ISSN: 0166-4328.
DT Article; Journal
LA English
REC Reference Count: 49
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 34 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:87803 SCISEARCH
GA The Genuine Article (R) Number: 632GR
TI Ubiquitin and synaptic dysfunction: ataxic mice highlight new common
themes in neurological disease
AU Ehlers M D (Reprint)
CS Duke Univ, Med Ctr, Dept Neurobiol, Box 3209, Durham, NC 27710 USA
(Reprint); Duke Univ, Med Ctr, Dept Neurobiol, Durham, NC 27710 USA; Duke
Univ, Med Ctr, Dept Cell Biol, Durham, NC 27710 USA; Duke Univ, Med Ctr,
Dept Pharmacol, Durham, NC 27710 USA
CYA USA

SO TRENDS IN NEUROSCIENCES, (JAN 2003) Vol. 26, No. 1, pp. 4-7.
Publisher: ELSEVIER SCIENCE LONDON, 84 THEOBALDS RD, LONDON WC1X 8RR,
ENGLAND.
ISSN: 0166-2236.
DT Article; Journal
LA English
REC Reference Count: 34
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 35 OF 122 DISSABS COPYRIGHT (C) 2004 Proquest Information and
Learning Company; All Rights Reserved on STN
AN 2003:10503 DISSABS Order Number: AAI3054074
TI Calsenilin: A neuronal calcium sensor
AU Lilliehook, Christina [Ph.D.]; Buxbaum, Joseph D. [adviser]
CS Mount Sinai School of Medicine of New York University (1353)
SO Dissertation Abstracts International, (2002) Vol. 63, No. 5B, p. 2232.
Order No.: AAI3054074. 148 pages.
ISBN: 0-493-68021-7.
DT Dissertation
FS DAI
LA English

L3 ANSWER 36 OF 122 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 9
AN 10072390 IFIPAT;IFIUDB;IFICDB
TI METHOD FOR TREATMENT OF NEURODEGENERATIVE DISEASES; THERAPY FOR NERVOUS
SYSTEM DISORDERS; EVALUATE CELLS EXPOSED TO TEST AGENT FOR CALCIUM FLOW,
COMPARE TO CONTROL, AMPLIFIED CALCIUM FLOW INDICATES THERAPEUTIC AGENT
IN Kim Tae-Wan; Tanzi Rudolph E; Yoo Andrew S
PA General Hospital Corp The (10301)
PI US 2002015941 A1 20020207
AI US 2001-814179 20010322
RLI WO 2000-US20138 20000725 CONTINUATION UNKNOWN
PRAI US 2000-191109P 20000322 (Provisional)
FI US 2002015941 20020207
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
CLMN 41
GI 11 Figure(s).

FIG. 1A-FIG. 1F. Attenuated capacitative Ca^{2+} entry (CCE) in cells expressing FAD mutant ***presenilins***. FIG. 1A Lysates prepared from stable SY5Y cell lines expressing vector (c) and either wild-type (WT) or FAD mutant (N141I) forms of PS2 were analyzed by western blotting using the PS antibodies indicated (Tomita, T., et al., Proc. Natl. Acad. Sci. USA 94:2025 (1997); Thinakaran, G., et al., Neuron 17:181 (1996)). Locations of full-length PS2 (FL) and C-terminal fragments of PS2 (PS2-CTF) and PS1 (PS1-CTF) are indicated by arrows. FIG. 1B Effect of the N141I PS2 FAD mutation on the CCE response. CCE was measured by ratiometric imaging in fura-2-loaded SY5Y cells stably transfected with vector, wild-type PS2 (WT), or mutant PS2 (N141I). Representative data from five independent experiments is shown (n=33). FIG. 1C Mean peak fluorescence amplitudes were calculated from five separate CCE-induction experiments, using SY5Y cells expressing vector, wild-type PS2 (WT), and N141I-PS2 (N141I) (*p less-than 0.0001, compared to WT). FIG. 1D Effect of the M146L PS1 FAD mutation on the CCE response. CCE was measured by ratiometric imaging in fura-2loaded SY5Y cells stably transfected with vector, wild-type PS1 (WT), or mutant PS1 (M146L) (n=26). FIG. 1E Mean peak fluorescence amplitudes were calculated from three independent CCE-induction experiments, using SY5Y cells expressing vector, wild-type PS1 (WT), and mutant PS1 (M146L) (*p less-than 0.0001, compared to WT). Data points are mean fluorescence ratios (340 nm/380 nm)+-S.E. (FIG. 1B, FIG. 1D), and columns are mean % increases+-S.D. (FIG. 1C, FIG. 1E), as compared to vectortransfected cells. FIG. 1F Effect of the M146L PS1 FAD mutation on CCE in stable CHO cell lines. Mean peak fluorescence amplitudes were calculated from four independent CCE-induction experiments, using CHO cells stably expressing wild-type PS1 (WT) and mutant PS1 (M146L) (*p less-than 0.0001, compared to WT). In each case, the wild-type and PS1-M146L clonal lines were paired for similar levels of expression. Data points are mean fluorescence ratios (340 nm/380 nm)+-S.E. (A), and columns are mean % increases+-S.D. (B, C).

FIG. 2A-FIG. 2D. CCE-specific properties of the observed Ca^{2+} influx in SY5Y cell lines. FIG. 2A Inhibition of CCE by SKF96365 or Calyculin A (CalyA). SY5Y cells stably expressing wild-type PS2 were pretreated with either 100 μM SKF96365 for 1 hr or 100 nM CalyA for 20 min prior to induction of CCE. FIG. 2B Effects of L-type or N-type voltage-operated Ca^{2+} channel antagonists, nifedipine (1 μM) and omega-conotoxin GVIA (2

mu M), respectively, on the CCE response in SY5Y cells. FIG. 2C Relative effects of SKF96365, CalyA, omega-conotoxin GVIA, nifedipine, and Cytochalasin D (CytoD) on CCE in wild-type PS2 cells. Columns are mean peak amplitudes \pm S.D., shown as % of control. FIG. 2D CytoD has no effect on the observed reduction in CCE caused by the M146L PS1 mutation. Mean peak amplitudes were determined from three independent experiments using SY5Y cells expressing wild-type PS1 (WT) or mutant PS1 (M146L), either without (Control) or with (+CytoD) a 2 hr pretreatment of 2 mu M CytoD. Columns are mean peak amplitudes in fluorescence ratios \pm S.D. (*p less-than 0.0001 and **p less-than 0.001, respectively, as compared to WT).

FIG. 3A-FIG. 3B. ***Potentiation*** of the CCE response by a PS1 deficiency. FIG. 3A Cultured cortical neurons from day 15.5 embryos from heterozygote (+/-, Control 1), homozygote (+/+, Control 2), or knock-out (-/-) mice were subjected to western blotting using alpha PS1 Loop antibody (Thinakaran, G., et al., Neuron 17:181 (1996)). FIG. 3B CCE was greatly potentiated in PS1-deficient neurons (PS1-/-) as compared to control 1 (+/-) or control 2 (+/+). Data points are mean fluorescence ratios \pm S. E. in 27-34 cells (*p less-than 0.0001, compared to controls). CCE was induced by incubating cells with Ca²⁺-free media containing 2 mu M cyclopiazonic acid (CPA) for 30 minutes, then washing the cells with Ca²⁺-free HBSS (0 mM (Ca²⁺)+0; see Experimental Procedures), and replacing Ca²⁺-free buffer with Ca²⁺-containing media (1.8 mM (Ca²⁺)+0).

FIG. 4A-FIG. 4D. ***Potentiation*** of the CCE response by inactivation of PS1-associated gamma-secretase activity. FIG. 4A Detergent lysates prepared from SY5Y cells stably transfected with vector (C), wild-type PS1 (WT), FAD mutant PS1 (M146L), or D257A-PS1 (D257A) were analyzed by western blot analyses using alpha PS1 Loop antibody (left panel). Arrows denote full-length PS1 (FL) and endoproteolytic PS1 C-terminal fragments (PS1-CTF). An identical blot was probed with anti-APP antibody (C7) to detect APP holoprotein (APP-FL) as well as an endogenous APP C-terminal fragment (APP-CT83) (right panel). FIG. 4B

Potentiation of the CCE response in SY5Y cells stably expressing D257A-PS1. Data points are mean fluorescence ratios \pm S.E. in 30 cells. FIG. 4C Mean peak fluorescence amplitudes were calculated from three independent CCE-induction experiments using SY5Y cells expressing wild-type PS1 (WT) or D257A-PS1 (D257A). Columns are mean peak amplitudes \pm S.D., shown as % of control (*p less-than 0.0001, as compared to WT). FIG. 4D Mean peak fluorescence amplitudes were calculated from two independent CCE-induction experiments using four different clonal CHO cell lines expressing wild-type PS1 (WT1 and WT2), D257A-PS1 (D257A), or D385A-PS1 (D385A). Columns are mean peak amplitudes \pm S.D., shown as % of control (*p less-than 0.0001, as compared to WT2; **p less-than 0.0001, as compared to WT1).

FIG. 5A-FIG. 5F. Effects of SKF96365 (100 mu M), nifedipine (1 mu M), and omega-conotoxin GVIA (1 mu M) on the ratio of A beta 42/A beta total in CHO (FIG. 5A) or HEK293 (FIG. 5B) cells stably overexpressing human APP (12 hour treatment). Controls were DMSO (solvent) only. Amounts of A beta 42 and A beta total were determined by sandwich ELISA (Xia, X., et al., J. Biol. Chem. 272:7977 (1997)). The ratios of A beta 42/A beta total from three independent experiments were plotted. Horizontal bars represent average A beta 42 to A beta total ratios (n=12, *p less-than 0.0001 and **p less-than 0.0005, respectively, as compared to controls). Correlation of reduced CCE and increases in the A beta 42/A beta total ratio. CHO cells stably expressing human APP were treated with indicated concentrations of SKF9635 for 12 hours. Relative mean peak amplitudes (FIG. 5D) and corresponding A beta 42/A beta total ratios (FIG. 5C) are shown. CHO cells stably expressing APP and PS1 variants (either PS1 wild-type (WT) or D257A-PS1 (D257A)) were incubated in the absence (-) or presence (+) of 50 mu M SKF96365. Columns represents relative amounts of total A beta (FIG. 5E) or A beta 42 (FIG. 5F) in the culture media. All values were normalized to total protein amounts in the cell lysates.

FIG. 6A-FIG. 6B. Effect of stable overexpression of human APP (FIG. 6A) and A beta 42 pretreatment (FIG. 6B) on the CCE response in CHO cells. FIG. 6A CCE was assayed by ratiometric Ca²⁺ imaging using either native CHO cells (CHO) or CHO cells stably overexpressing human APP695 (CHO-APP). FIG. 6B CHO and CHO-APP cells were pre-incubated with 20 PM A beta 42 for 3 hours prior to induction of CCE (compare to FIG. 6A). Data points are mean fluorescence ratios \pm S.E. in 33 cells.

FIG. 7A. Expression of detection of TRP1 and TRP3 in CHO cells. Stable CHO cell lines expressing either wild-type PS1(W) or M146L mutant PS1 (M) were transiently transfected with empty vector (Control), FLAG-tagged TRP1 expression construct (TRP1FLAG), and MYC-tagged TRP3 expression construct (TRP3-MYC). The cell lysates were analyzed by Western blot analyses using antiFLAG (left) or anti-MYC (right) antibodies. Expressed TRP1 and TRP3 are indicated by arrows.

FIG. 7B. Effect of overexpression of TRP1 and TRP3 on capacitative calcium entry (CCE) in stable CHO cells expressing M146L FAD mutant PS1. CCE was potentiated in both TRP1- and TRP3-transfected cells as compared to vector-transfected (Control) cells, but to greater extent in TRP3-expressing cells. The ratiometric calcium imaging was performed as described in the manuscript.

FIG. 7C. Effects of overexpression of vector, TRP1, and TRP3 on the ratio of A beta 42/A beta total in CHO cells stably expressing M146L mutant PS1. Amounts of A beta 42 and A beta total were determined by sandwich ELISA.

FIG. 8A-FIG. 8D. Primary Cortical Neurons Derived from N141I-PS2 Transgenic Mice Exhibit Attenuated CCE. FIG. 8A Characterization of PS2 in transgenic mice. Immunoprecipitation-Western blotting analysis was performed using alpha PS2loop in the lysates prepared from brain tissues of transgenic mice expressing a construct encoding either wild-type (WT-PS2) or N141I FAD mutant (N141I-PS2) PS2, along with non-transgenic samples (Non-Tg). FIG. 8B Lines with similar levels of protein expression were paired among N and K lines and protein extracts were analyzed by Immunoprecipitation-Western blotting analysis. Representative blot is shown. FIG. 8C Effects of the N141I-PS2 mutation on CCE in cultured cortical neurons from day 18.5 embryos. FIG. 8D Average mean peak amplitudes were shown as mean fluorescence ratios (340 nm/380 nm)+-S.D. (n= 50; *p less than 0.0001, compared to WT).

FIG. 9A-FIG. 9D. Impaired Calcium Release-Activated Calcium Currents (ICRAC) in M146L-PS1 Cells. FIG. 9A ICRAC channel activities were measured in the stable CHO cells expressing either wild-type (WT) or FAD mutant (M146L) PS1 by the wholecell patch clamp experiments. The currents were activated following dialysis with 10 mM BAPTA (passive depletion). Membrane potential was held at 0 mV, and hyperpolarizing voltage pulses at -120 mV were applied every 10 s. The transient and leak currents were not canceled. FIG. 9B Comparison of time courses of the activation of ICRAC channels in wild-type and M146L PS1 cells. Inward currents were evoked by applying hyperpolarizing pulse at 120 mV at a holding potential of 0 mV. Data points are the current levels measured at every 10 s. The leak currents were canceled. FIG. 9C Comparison of average peak ICRAC current densities (pA/pF) from wild-type (WT) and M146L-PS1 cells. wild-type PS1 cells were also pretreated in parallel with 10 mu M SKF96365 for 30 min before the current measurement (WT+SKF96365). The average peak current density in M146L-PS1 cells was significantly smaller than that of wild-type PS1 cells (n=23, *p less than 0.05). FIG. 9D Arachidonate-regulated Ca²⁺ currents (IARC) were preserved in M146L-PS1 cells. After ICRAC currents reached the stable levels in 6-7 min, arachidonic acid (8 mu M) were added to induce IARC currents on top of ICRAC currents. Currents were measured as described in FIG. 9A. !

L3 ANSWER 37 OF 122 USPATFULL on STN DUPLICATE 10
 AN 2002:289249 USPATFULL
 TI TRANSGENIC MOUSE EXPRESSING THE HUMAN CYCLOOXYGENASE-2 GENE AND NEURONAL
 IN CELL CULTURES DERIVED THEREFROM
 PASINETTI, GIULIO M., NEW YORK, NY, UNITED STATES
 AISEN, PAUL S., POTOMAC, MD, UNITED STATES
 PI US 2002162130 A1 20021031
 US 6649811 B2 20031118
 AI US 1999-308424 A1 19990716 (9)
 WO 1997-US21484 19971119
 DT Utility
 FS APPLICATION
 LN.CNT 799
 INCL INCLM: 800/018.000
 INCLS: 435/325.000; 435/352.000; 435/354.000
 NCL NCLM: 800/018.000
 NCLS: 435/325.000; 435/352.000; 435/354.000
 IC [7]
 ICM: A01K067-027
 ICS: C12N005-06
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 38 OF 122 USPATFULL on STN DUPLICATE 11
 AN 2002:198576 USPATFULL
 TI Protein-protein interactions in neurodegenerative diseases
 IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
 Bartel, Paul L., Salt Lake City, UT, UNITED STATES
 Heichman, Karen, Salt Lake City, UT, UNITED STATES
 PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)
 PI US 2002106676 A1 20020808
 US 6653102 B2 20031125

AI US 2001-973963 A1 20011011 (9)
PRAI US 2000-240790P 20001017 (60)
US 2001-304775P 20010713 (60)
DT Utility
FS APPLICATION
LN.CNT 3181
INCL INCLM: 435/006.000
INCLS: 435/368.000; 435/320.100; 435/069.100; 536/023.200; 435/226.000
NCL NCLM: 435/069.100
NCLS: 435/183.000; 435/252.300; 435/254.110; 435/254.200; 435/320.100;
435/325.000; 536/023.500
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12N009-64; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 39 OF 122 USPATFULL on STN
AN 2002:294612 USPATFULL
TI Protein-protein interactions in neurodegenerative diseases
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
Bartel, Paul L., Salt Lake City, UT, UNITED STATES
Heichman, Karen, Salt Lake City, UT, UNITED STATES
PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)
PI US 2002164655 A1 20021107
AI US 2001-973941 A1 20011011 (9)
PRAI US 2000-240790P 20001017 (60)
US 2001-304775P 20010713 (60)
DT Utility
FS APPLICATION
LN.CNT 3277
INCL INCLM: 435/007.200
INCLS: 435/183.000; 530/388.260
NCL NCLM: 435/007.200
NCLS: 435/183.000; 530/388.260
IC [7]
ICM: G01N033-53
ICS: G01N033-567; C12N009-00; C07K016-40
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 40 OF 122 USPATFULL on STN
AN 2002:229107 USPATFULL
TI Protein-protein interactions in neurodegenerative diseases
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
Bartel, Paul L., Salt Lake City, UT, UNITED STATES
Heichman, Karen, Salt Lake City, UT, UNITED STATES
PI US 2002124273 A1 20020905
AI US 2001-973965 A1 20011011 (9)
PRAI US 2000-240790P 20001017 (60)
US 2001-304775P 20010713 (60)
DT Utility
FS APPLICATION
LN.CNT 3256
INCL INCLM: 800/003.000
INCLS: 435/007.930
NCL NCLM: 800/003.000
NCLS: 435/007.930
IC [7]
ICM: G01N033-00
ICS: G01N033-53; G01N033-542; G01N033-537; G01N033-543
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 41 OF 122 USPATFULL on STN
AN 2002:222796 USPATFULL
TI Protein-protein interactions in neurodegenerative disorders
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
Bartel, Paul L., Salt Lake City, UT, UNITED STATES
PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)
PI US 2002120947 A1 20020829
AI US 2001-949143 A1 20010910 (9)
RLI Division of Ser. No. US 1999-466139, filed on 21 Dec 1999, PENDING
PRAI US 1998-113534P 19981222 (60)
US 1999-124120P 19990312 (60)
US 1999-141243P 19990630 (60)
DT Utility
FS APPLICATION
LN.CNT 3104

INCL INCLM: 800/003.000
INCLS: 435/007.920
NCL NCLM: 800/003.000
NCLS: 435/007.920
IC [7]
ICM: A01K067-00
ICS: G01N033-53

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 42 OF 122 USPATFULL on STN
AN 2002:221785 USPATFULL
TI Protein-protein interactions in neurodegenerative diseases
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
Bartel, Paul L., Salt Lake City, UT, UNITED STATES
Heichman, Karen, Salt Lake City, UT, UNITED STATES
PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)
PI US 2002119927 A1 20020829
AI US 2001-972757 A1 20011009 (9)
PRAI US 2000-240790P 20001017 (60)
DT Utility
FS APPLICATION
LN.CNT 3204
INCL INCLM: 514/012.000
INCLS: 424/146.100
NCL NCLM: 514/012.000
NCLS: 424/146.100
IC [7]
ICM: A61K039-395
ICS: A61K038-17

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 43 OF 122 USPATFULL on STN
AN 2002:221020 USPATFULL
TI Protein-protein interactions in neurodegenerative diseases
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
Bartel, Paul L., Salt Lake City, UT, UNITED STATES
Heichman, Karen, Salt Lake City, UT, UNITED STATES
PA Myriad Genetics, Inc., Salt Lake City, UT, UNITED STATES (U.S. corporation)
PI US 2002119155 A1 20020829
AI US 2001-972038 A1 20011009 (9)
PRAI US 2000-240790P 20001017 (60)
DT Utility
FS APPLICATION
LN.CNT 3081
INCL INCLM: 424/146.100
INCLS: 530/388.260; 435/226.000; 435/007.200; 435/006.000
NCL NCLM: 424/146.100
NCLS: 530/388.260; 435/226.000; 435/007.200; 435/006.000
IC [7]
ICM: A61K039-395
ICS: C12Q001-68; G01N033-53; C12N009-64; G01N033-567; C07K016-40

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 44 OF 122 USPATFULL on STN
AN 2002:214220 USPATFULL
TI Protein-protein interactions in neurodegenerative diseases
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
Bartel, Paul L., Salt Lake City, UT, UNITED STATES
Heichman, Karen, Salt Lake City, UT, UNITED STATES
PA Myriad Genetics, Inc., Salt Lake City, UT, UNITED STATES (U.S. corporation)
PI US 2002115607 A1 20020822
AI US 2001-975072 A1 20011012 (9)
PRAI US 2000-240790P 20001017 (60)
DT Utility
FS APPLICATION
LN.CNT 3574
INCL INCLM: 514/012.000
INCLS: 424/146.100; 435/226.000; 530/350.000; 435/194.000
NCL NCLM: 514/012.000
NCLS: 424/146.100; 435/226.000; 530/350.000; 435/194.000
IC [7]
ICM: A61K038-17
ICS: A61K039-395; C12N009-64; C07K014-435; C12N009-12

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 45 OF 122 USPATFULL on STN
AN 2002:214219 USPATFULL
TI Protein-protein interactions in neurodegenerative diseases
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
Bartel, Paul L., Salt Lake City, UT, UNITED STATES
Heichman, Karen, Salt Lake City, UT, UNITED STATES
PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)
PI US 2002115606 A1 20020822
AI US 2001-973964 A1 20011011 (9)
PRAI US 2000-240790P 20001017 (60)
US 2001-304775P 20010713 (60)
DT Utility
FS APPLICATION
LN.CNT 3354
INCL INCLM: 514/012.000
NCL NCLM: 514/012.000
IC [7]
ICM: A61K038-17
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 46 OF 122 USPATFULL on STN
AN 2002:213743 USPATFULL
TI Protein-protein interactions in neurodegenerative diseases
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
Bartel, Paul L., Salt Lake City, UT, UNITED STATES
Heichman, Karen, Salt Lake City, UT, UNITED STATES
PA Myriad Genetics, Inc. (U.S. corporation)
PI US 2002115119 A1 20020822
AI US 2001-973063 A1 20011010 (9)
PRAI US 2000-240790P 20001017 (60)
DT Utility
FS APPLICATION
LN.CNT 3133
INCL INCLM: 435/007.210
NCL NCLM: 435/007.210
IC [7]
ICM: G01N033-567
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 47 OF 122 USPATFULL on STN
AN 2002:213426 USPATFULL
TI Protein-protein interactions in neurodegenerative diseases
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
Bartel, Paul L., Salt Lake City, UT, UNITED STATES
Heichman, Karen, Salt Lake City, UT, UNITED STATES
PA Myriad Genetics, Inc., Salt Lake City, UT, UNITED STATES (U.S. corporation)
PI US 2002114799 A1 20020822
AI US 2001-973077 A1 20011010 (9)
PRAI US 2000-240790P 20001017 (60)
DT Utility
FS APPLICATION
LN.CNT 3207
INCL INCLM: 424/130.100
NCL NCLM: 424/130.100
IC [7]
ICM: A61K039-395
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 48 OF 122 USPATFULL on STN
AN 2002:198673 USPATFULL
TI Protein-protein interactions in neurodegenerative diseases
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
Bartel, Paul L., Salt Lake City, UT, UNITED STATES
Heichman, Karen, Salt Lake City, UT, UNITED STATES
PA Myriad Genetics, Inc., Salt Lake City, UT, UNITED STATES (U.S. corporation)
PI US 2002106773 A1 20020808
AI US 2001-973064 A1 20011010 (9)
PRAI US 2000-240790P 20001017 (60)
DT Utility
FS APPLICATION
LN.CNT 3066
INCL INCLM: 435/196.000
INCLS: 435/007.100; 435/006.000; 530/388.260

NCL NCLM: 435/196.000
 NCLS: 435/007.100; 435/006.000; 530/388.260
 IC [7]
 ICM: C12N009-16
 ICS: C12Q001-68; G01N033-53; C07K016-40
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 49 OF 122 USPATFULL on STN
 AN 2002:157666 USPATFULL
 TI Agents for use in the treatment of alzheimer's disease
 IN Bush, Ashley I., Somerville, MA, UNITED STATES
 Huang, Xudong, Cambridge, MA, UNITED STATES
 Atwood, Craig S., Somerville, MA, UNITED STATES
 Tanzi, Rudolph E., Canton, MA, UNITED STATES
 PI US 2002082273 A1 20020627
 AI US 2001-956980 A1 20010921 (9)
 RLI Division of Ser. No. US 1998-38154, filed on 11 Mar 1998, PATENTED
 DT Utility
 FS APPLICATION
 LN.CNT 4007
 INCL INCLM: 514/291.000
 INCLS: 514/298.000; 514/562.000; 514/566.000; 514/420.000; 514/707.000
 NCL NCLM: 514/291.000
 NCLS: 514/298.000; 514/562.000; 514/566.000; 514/420.000; 514/707.000
 IC [7]
 ICM: A61K031-4745
 ICS: A61K031-473; A61K031-195; A61K031-198; A61K031-405; A61K031-105
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 50 OF 122 USPATFULL on STN
 AN 2002:134563 USPATFULL
 TI Protein-protein interactions in neurodegenerative disorders
 IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
 Bartel, Paul L., Salt Lake City, UT, UNITED STATES
 PI US 2002069424 A1 20020606
 AI US 2001-971677 A1 20011009 (9)
 RLI Division of Ser. No. US 1999-466139, filed on 21 Dec 1999, PENDING
 PRAI US 1998-113534P 19981222 (60)
 US 1999-124120P 19990312 (60)
 US 1999-141243P 19990630 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 3101
 INCL INCLM: 800/018.000
 INCLS: 435/007.900; 800/003.000
 NCL NCLM: 800/018.000
 NCLS: 435/007.900; 800/003.000
 IC [7]
 ICM: A01K067-027
 ICS: G01N033-00; G01N033-53; G01N033-542
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 51 OF 122 USPATFULL on STN
 AN 2002:113904 USPATFULL
 TI Protein-protein interactions in neurodegenerative disorders
 IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
 Bartel, Paul L., Salt Lake City, UT, UNITED STATES
 PA MYRIAD GENETICS, INC., Salt Lake City, UT, UNITED STATES, 84108 (U.S. corporation)
 PI US 2002059653 A1 20020516
 AI US 2001-970666 A1 20011005 (9)
 RLI Division of Ser. No. US 1999-466139, filed on 21 Dec 1999, PENDING
 PRAI US 1998-113534P 19981222 (60)
 US 1999-124120P 19990312 (60)
 US 1999-141243P 19990630 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 3084
 INCL INCLM: 800/012.000
 INCLS: 424/146.100; 514/012.000
 NCL NCLM: 800/012.000
 NCLS: 424/146.100; 514/012.000
 IC [7]
 ICM: A01K067-00
 ICS: A61K039-395; A61K038-17
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 52 OF 122 USPATFULL on STN
AN 2002:105674 USPATFULL
TI Protein-protein interactions in neurodegenerative disorders
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
Bartel, Paul L., Salt Lake City, UT, UNITED STATES
PA MYRIAD GENETICS, INC., Salt Lake City, UT, 84108 (U.S. corporation)
PI US 2002054876 A1 20020509
AI US 2001-971675 A1 20011009 (9)
RLI Division of Ser. No. US 1999-466139, filed on 21 Dec 1999, PENDING
PRAI US 1998-113534P 19981222 (60)
US 1999-124120P 19990312 (60)
US 1999-141243P 19990630 (60)
DT Utility
FS APPLICATION
LN.CNT 3070
INCL INCLM: 424/146.100
NCL NCLM: 424/146.100
IC [7]
ICM: A61K039-395
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 53 OF 122 USPATFULL on STN
AN 2002:92251 USPATFULL
TI Protein-protein interactions in neurodegenerative disorders
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
Bartel, Paul L., Salt Lake City, UT, UNITED STATES
PA MYRIAD GENETICS, INC., Salt Lake City, UT (U.S. corporation)
PI US 2002048769 A1 20020425
AI US 2001-970814 A1 20011005 (9)
RLI Division of Ser. No. US 1999-466139, filed on 21 Dec 1999, PENDING
PRAI US 1998-113534P 19981222 (60)
US 1999-124120P 19990312 (60)
US 1999-141243P 19990630 (60)
DT Utility
FS APPLICATION
LN.CNT 3101
INCL INCLM: 435/006.000
INCLS: 435/007.100; 435/196.000; 530/388.100
NCL NCLM: 435/006.000
NCLS: 435/007.100; 435/196.000; 530/388.100
IC [7]
ICM: C12Q001-68
ICS: G01N033-53; C12N009-16; C07K016-42
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 54 OF 122 USPATFULL on STN
AN 2002:85161 USPATFULL
TI Protein-protein interactions in neurodegenerative disorders
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
Bartel, Paul L., Salt Lake City, UT, UNITED STATES
PA MYRIAD GENETICS, INC., Salt Lake City, UT, UNITED STATES, 84108 (U.S. corporation)
PI US 2002045201 A1 20020418
AI US 2001-970898 A1 20011005 (9)
RLI Division of Ser. No. US 1999-466139, filed on 21 Dec 1999, PENDING
PRAI US 1998-113534P 19981222 (60)
US 1999-124120P 19990312 (60)
US 1999-141243P 19990630 (60)
DT Utility
FS APPLICATION
LN.CNT 3090
INCL INCLM: 435/007.920
NCL NCLM: 435/007.920
IC [7]
ICM: G01N033-53
ICS: G01N033-537; G01N033-543
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 55 OF 122 USPATFULL on STN
AN 2002:73343 USPATFULL
TI Protein-protein interactions in neurodegenerative disorders
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES
Bartel, Paul L., Salt Lake City, UT, UNITED STATES
PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)
PI US 2002040484 A1 20020404

AI US 2001-948904 A1 20010910 (9)
RLI Division of Ser. No. US 1999-466139, filed on 21 Dec 1999, PENDING
PRAI US 1998-113534P 19981222 (60)
US 1999-124120P 19990312 (60)
US 1999-141243P 19990630 (60)
DT Utility
FS APPLICATION
LN.CNT 3069
INCL INCLM: 800/008.000
INCLS: 514/012.000
NCL NCLM: 800/008.000
NCLS: 514/012.000
IC [7]
ICM: A01K067-00
ICS: A61K038-17
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 56 OF 122 USPATFULL on STN
AN 2002:63709 USPATFULL
TI Nucleic acid molecules encoding potassium channel interactors and uses therefor
IN Rhodes, Kenneth, Neshanic Station, NJ, United States
Betty, Maria, Mt. Laurel, NJ, United States
Ling, Huai-Ping, Princeton Junction, NJ, United States
An, Wenqian, Framingham, MA, United States
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S. corporation)
American Home Products Corporation, Madison, NJ, United States (U.S. corporation)
PI US 6361971 B1 20020326
AI US 1999-399913 19990921 (9)
RLI Continuation-in-part of Ser. No. US 1999-298731, filed on 23 Apr 1999
Continuation-in-part of Ser. No. US 1999-350614, filed on 9 Jul 1999
Continuation-in-part of Ser. No. US 1999-350874, filed on 9 Jul 1999
PRAI US 1998-109033P 19981120 (60)
US 1998-110033P 19981125 (60)
US 1998-110277P 19981130 (60)
DT Utility
FS GRANTED
LN.CNT 8720
INCL INCLM: 435/069.100
INCLS: 435/320.100; 435/325.000; 536/023.500
NCL NCLM: 435/069.100
NCLS: 435/320.100; 435/325.000; 536/023.500
IC [7]
ICM: C12N015-12
ICS: C12N015-63; C12N005-00; C07H021-04
EXF 435/69.1; 435/320.1; 435/325; 536/23.5
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 57 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:262061 BIOSIS
DN PREV200300262061
TI Missorting of the dendritic cell adhesion molecule telencephalin in ***presenilin*** -deficient neurons.
AU Esselens, C. [Reprint Author]; Baert, V. [Reprint Author]; Boeve, C. [Reprint Author]; Snellings, G. [Reprint Author]; Cupers, P. [Reprint Author]; Craessaerts, K. [Reprint Author]; De Strooper, B. [Reprint Author]; Annaert, W. [Reprint Author]
CS Laboratory for Neuronal Cell Biology, Center for Human Genetics, KUL-Gasthuisberg and Flanders Interuniversity Institute for Biotechnology, Herestraat 49, VIB04, 3000, Leuven, Belgium
SO Israel, A. [Editor, Reprint Author]; DeStrooper, B. [Editor]; Checler, F. [Editor]; Christen, Y. [Editor]. (2002) pp. 89-99. Notch from neurodevelopment to neurodegeneration: Keeping the fate. print. Publisher: Springer-Verlag GmbH and Co. KG, Heidelberger Platz 3, D-14197, Berlin, Germany. Series: Research and Perspectives in Alzheimer's Disease. Meeting Info.: XVIII Medicine and Research Colloquium. Paris, France. March 19, 2001. Fondation Ipsen. ISSN: 0945-6066 (ISSN print). ISBN: 3-540-43073-3 (cloth).
DT Book; (Book chapter)
Conference; (Meeting)
Conference; (Meeting Paper)
LA English
ED Entered STN: 4 Jun 2003
Last Updated on STN: 4 Jun 2003

L3 ANSWER 58 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 12
AN 2002:298417 BIOSIS
DN PREV200200298417
TI Neuronal deficiency of ***presenilin*** 1 inhibits amyloid plaque
formation and corrects hippocampal long-term ***potentiation*** but
not a cognitive defect of amyloid precursor protein (V717I) transgenic
mice.
AU Dewachter, Ilse; Reverse, Delphine; Caluwaerts, Nathalie; Ris, Laurence;
Kuiperi, Cuno; Van den Haute, Chris; Spittaels, Kurt; Umans, Lieve;
Serneels, Lutgarde; Thiry, Els; Moechars, Dieder; Mercken, Mark; Godaux,
Emile; Van Leuven, Fred [Reprint author]
CS Experimental Genetics Group (LEGT-EGG), Department of Human Genetics, K.
U. Leuven, Campus Gasthuisberg, O and N 06, B-3000, Leuven, Belgium
fredvl@med.kuleuven.ac.be
SO Journal of Neuroscience, (May 1, 2002) Vol. 22, No. 9, pp. 3445-3453.
print.
CODEN: JNRSDS. ISSN: 0270-6474.
DT Article
LA English
ED Entered STN: 22 May 2002
Last Updated on STN: 22 May 2002

L3 ANSWER 59 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:62181 SCISEARCH
GA The Genuine Article (R) Number: 630CH
TI A beta as a bioflocculant: implications for the amyloid hypothesis of
Alzheimer's disease
AU Robinson S R (Reprint); Bishop G M
CS Monash Univ, Dept Psychol, Clayton, Vic 3800, Australia (Reprint)
CYA Australia
SO NEUROBIOLOGY OF AGING, (NOV-DEC 2002) Vol. 23, No. 6, pp. 1051-1072.
Publisher: ELSEVIER SCIENCE INC, 360 PARK AVE SOUTH, NEW YORK, NY
10010-1710 USA.
ISSN: 0197-4580.
DT Editorial; Journal
LA English
REC Reference Count: 303
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 60 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2002:935108 SCISEARCH
GA The Genuine Article (R) Number: 611WX
TI Calcium dyshomeostasis and intracellular signalling in Alzheimer's disease
AU LaFerla F M (Reprint)
CS Univ Calif Irvine, Dept Neurobiol & Behav, Lab Mol Neuropathogenesis, 1109
Gillespie Neurosci Bldg Irvine, Irvine, CA 92697 USA (Reprint); Univ Calif
Irvine, Dept Neurobiol & Behav, Lab Mol Neuropathogenesis, Irvine, CA
92697 USA
CYA USA
SO NATURE REVIEWS NEUROSCIENCE, (NOV 2002) Vol. 3, No. 11, pp. 862-872.
Publisher: NATURE PUBLISHING GROUP, MACMILLAN BUILDING, 4 CRINAN ST,
LONDON N1 9XW, ENGLAND.
ISSN: 1471-0048.
DT General Review; Journal
LA English
REC Reference Count: 145
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 61 OF 122 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
RESERVED. on STN
AN 2003447941 EMBASE
TI Therapeutic strategies for Alzheimer's disease.
AU Wolfe M.S.
CS M.S. Wolfe, Center for Neurologic Diseases, Brigham and Women's Hospital,
77 Avenue Louis Pasteur, Boston, MA 02115, United States.
mwolfe@rics.bwh.harvard.edu
SO Nature Reviews Drug Discovery, (2002) 1/11 (859-866).
Refs: 96
ISSN: 1474-1776 CODEN: NRDDAG
CY United Kingdom
DT Journal; General Review
FS 005 General Pathology and Pathological Anatomy
008 Neurology and Neurosurgery
029 Clinical Biochemistry

037 Drug Literature Index
 LA English
 SL English

L3 ANSWER 62 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 2002:577154 SCISEARCH
 GA The Genuine Article (R) Number: 569AC
 TI Modification of brain aging and neurodegenerative disorders by genes,
 diet, and behavior
 AU Mattson M P (Reprint); Chan S L; Duan W Z
 CS NIA, Neurosci Lab, Gerontol Res Ctr 4F01, 5600 Nathan Shock Dr, Baltimore,
 MD 21224 USA (Reprint); NIA, Neurosci Lab, Gerontol Res Ctr 4F01,
 Baltimore, MD 21224 USA
 CYA USA
 SO PHYSIOLOGICAL REVIEWS, (JUL 2002) Vol. 82, No. 3, pp. 637-672.
 Publisher: AMER PHYSIOLOGICAL SOC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814
 USA.
 ISSN: 0031-9333.
 DT General Review; Journal
 LA English
 REC Reference Count: 399
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 63 OF 122 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
 DUPLICATE
 AN 2002:35363350 BIOTECHNO
 TI Genistein-induced apoptosis in MCF-7 cells involves changes in Bak and
 Bcl-x without evidence of anti-oestrogenic effects
 AU Po L.S.; Wang T.T.; Chen Z.-Y.; Leung L.K.
 CS Dr. L.K. Leung, Department of Biochemistry, Faculty of Medicine, Chinese
 University of Hong Kong, Shatin, NT, Hong Kong.
 E-mail: laikleung@yahoo.com
 SO British Journal of Nutrition, (01 NOV 2002), 88/5 (463-469), 39
 reference(s)
 CODEN: BJNUAV ISSN: 0007-1145
 DT Journal; Article
 CY United Kingdom
 LA English
 SL English

L3 ANSWER 64 OF 122 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2002:934316 CAPLUS
 DN 138:202926
 TI Cyclooxygenase-2 promotes amyloid plaque deposition in a mouse model of
 Alzheimer's disease neuropathology
 AU Xiang, Zhongmin; Ho, Lap; Yemul, Shrishailam; Zhao, Zhong; Pompl, Patrick;
 Kelley, Kevin; Dang, Anju; Qing, Weiping; Teplow, David; Pasinetti, Giulio
 Maria
 CS Neuroinflammation Research Laboratories, Department of Psychiatry, Mount
 Sinai School of Medicine, New York, NY, 10029, USA
 SO Gene Expression (2002), 10(5/6), 271-278
 CODEN: GEEXEJ; ISSN: 1052-2166
 PB Cognizant Communication Corp.
 DT Journal
 LA English
 RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 65 OF 122 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
 DUPLICATE
 AN 2002:37012503 BIOTECHNO
 TI ***Presenilins*** and APP in neuritic and synaptic plasticity:
 Implications for the pathogenesis of Alzheimer's disease
 AU Chan S.L.; Furukawa K.; Mattson M.P.
 CS S.L. Chan, Laboratory of Neurosciences, Gerontology Research Center,
 National Institute on Aging, Baltimore, MD 21224, United States.
 E-mail: chanst@grc.nia.nih.gov
 SO NeuroMolecular Medicine, (2002), 2/2 (167-196), 242 reference(s)
 CODEN: NMEEAN ISSN: 1535-1084
 DT Journal; General Review
 CY United States
 LA English
 SL English

L3 ANSWER 66 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 2002:905351 SCISEARCH

GA The Genuine Article (R) Number: 609UM
 TI Does my mouse have Alzheimer's disease?
 AU Dodart J C (Reprint); Mathis C; Bales K R; Paul S M
 CS Eli Lilly & Co, Neurosci Discovery Res, Indianapolis, IN 46285 USA
 (Reprint); ULP, IFR Neurosci, CNRS, UMR 7521, Lab Neurosci
 Comportementales & Cognit, Strasbourg, France
 CYA USA; France
 SO GENES BRAIN AND BEHAVIOR, (AUG 2002) Vol. 1, No. 3, pp. 142-155.
 Publisher: BLACKWELL MUNKSGAARD, 35 NORRE SOGADE, PO BOX 2148, DK-1016
 COPENHAGEN, DENMARK.
 ISSN: 1601-1848.
 DT General Review; Journal
 LA English
 REC Reference Count: 125
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 67 OF 122 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
 RESERVED. on STN
 AN 2002286508 EMBASE
 TI The endoplasmic reticulum as an integrating signalling organelle: From
 neuronal signalling to neuronal death.
 AU Verkhratsky A.; Petersen O.H.
 CS A. Verkhratsky, School of Biological Sciences, University of Manchester,
 1.124 Stopford Building, Oxford Road, Manchester M13 9PT, United Kingdom.
 alex.verkhratsky@man.ac.uk
 SO European Journal of Pharmacology, (5 Jul 2002) 447/2-3 (141-154).
 Refs: 132
 ISSN: 0014-2999 CODEN: EJPHAZ
 PUI S 0014-2999(02)01838-1
 CY Netherlands
 DT Journal; General Review
 FS 008 Neurology and Neurosurgery
 029 Clinical Biochemistry
 LA English
 SL English

L3 ANSWER 68 OF 122 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 15
 AN 2002:703750 CAPLUS
 DN 138:2792
 TI Missorting of the dendritic cell adhesion molecule telencephalin in
 presenilin -deficient neurons
 AU Esselens, C.; Baert, V.; Boeve, C.; Snellings, G.; Cupers, P.;
 Craessaerts, K.; De Strooper, B.; Annaert, W.
 CS Laboratory for Neuronal Cell Biology, Center for Human Genetics,
 KUL-Gasthuisberg and Flanders Interuniversity Institute for Biotechnology,
 Louvain, 3000, Belg.
 SO Notch from Neurodevelopment to Neurodegeneration: Keeping the Fate,
 [Colloque Medecine et Recherche], 17th, Paris, France, Mar. 19, 2001
 (2002), Meeting Date 2001, 89-99. Editor(s): Israel, Alain. Publisher:
 Springer-Verlag, Berlin, Germany.
 CODEN: 69DBV8; ISBN: 3-540-43073-3
 DT Conference; General Review
 LA English
 RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 69 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 16
 AN 2003:74421 BIOSIS
 DN PREV200300074421
 TI Feedback ***potentiation*** of ***presenilin*** expression in
 human neuroblastoma (SH-SY5Y) cells by amyloid beta peptide1-40, but not
 amyloid beta peptide1-42.
 AU Boyle, J. P. [Reprint Author]; Smith, I. F. [Reprint Author]; Vaughan, P.
 F. T. [Reprint Author]; Peers, C. [Reprint Author]
 CS Institute for Cardiovascular Research, University of Leeds, Leeds, LS2
 9JT, UK
 SO Journal of Physiology (Cambridge), (November 2002) Vol. 544P, pp. 71P.
 print.
 Meeting Info.: Scientific Meeting of the Physiological Society. Leeds,
 England, UK. September 10-12, 2002.
 ISSN: 0022-3751 (ISSN print).
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 29 Jan 2003

Last Updated on STN: 29 Jan 2003

L3 ANSWER 70 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 17
AN 2002:185604 BIOSIS
DN PREV200200185604
TI Impairment in hippocampal long-term ***potentiation*** in mice
under-expressing the Alzheimer's disease related gene ***presenilin***
-1.
AU Morton, Robin A.; Kuenzi, Frederick M.; Fitzjohn, Stephen M.; Rosahl,
Thomas W.; Smith, David; Zheng, Hui; Shearman, Mark; Collingridge, Graham
L.; Seabrook, Guy R. [Reprint author]
CS Neuroscience Research Centre, Merck Sharp and Dohme Research Laboratories,
Terlings Park, Eastwick Road, Harlow, Essex, CM20 2QR, UK
guy_seabrook@merck.com
SO Neuroscience Letters, (February 8, 2002) Vol. 319, No. 1, pp. 37-40.
print.
CODEN: NELED5. ISSN: 0304-3940.
DT Article
LA English
ED Entered STN: 6 Mar 2002
Last Updated on STN: 6 Mar 2002

L3 ANSWER 71 OF 122 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:710432 CAPLUS
DN 138:104442
TI Toxicity of APP fragments
AU Suh, Yoo-Hun; Seo, Ji-Heui; Xu, Yanji; Heo, Chaejeong; Kim, Najung; Choi,
Jun Ho; Choi, Se Hoon; Rah, Jong-Cheol; Chang, Keun-A.; Suh, Won-Hyuk
CS Dept. of Pharmacol., Coll. of Med., National Creative Research Initiative
Center for Alzheimer's Dementia and Neuroscience Research Institute, MRC,
Seoul Nat'l Univ., Seoul, 110-799, S. Korea
SO Advances in Behavioral Biology (2002), 51(Mapping the Progress of
Alzheimer's and Parkinson's Disease), 19-25
CODEN: ADBBBW; ISSN: 0099-6246
PB Plenum Publishing Corp.
DT Journal; General Review
LA English
RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 72 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:315226 BIOSIS
DN PREV200300315226
TI CAPACITATIVE CALCIUM ENTRY TRIGGERS LONG TERM ***POTENTIATION*** IN
PRESENILIN - 1 CONDITIONAL KNOCKOUT MICE.
AU Ris, L. [Reprint Author]; Dewachter, I.; Godaux, E. [Reprint Author]; Van
Leuven, F.
CS Neurosciences, University of Mons-Hainaut, Mons, Belgium
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)
Vol. 2002, pp. Abstract No. 593.18. <http://sfn.scholarone.com.cd-rom>.
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience.
Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 9 Jul 2003
Last Updated on STN: 9 Jul 2003

L3 ANSWER 73 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:304269 BIOSIS
DN PREV200300304269
TI ELECTROPHYSIOLOGICAL STUDIES IN TRANSGENIC ALZHEIMER MICE.
AU Bohme, G. A. [Reprint Author]; Laville, M. [Reprint Author]; Pradier, L.
[Reprint Author]; Rooney, T. [Reprint Author]
CS Paris Research Center, Neurodegenerative Disease Grp, Aventis Pharma S.A.,
Vitry-Sur-Seine, France
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)
Vol. 2002, pp. Abstract No. 444.14. <http://sfn.scholarone.com.cd-rom>.
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience.
Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
LA English

ED Entered STN: 2 Jul 2003
Last Updated on STN: 2 Jul 2003

L3 ANSWER 74 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:282699 BIOSIS
DN PREV200300282699
TI EXAMINATION OF SYNAPTIC TRANSMISSION AND LONG - TERM ***POTENTIATION***
IN APP/PS1 DOUBLE KNOCK - IN MICE.
AU Chang, E. H. [Reprint Author]; Flood, D. G.; Savage, M. J.; Huerta, P. T.
[Reprint Author]
CS Ctr Neural Sci, New York Univ, New York, NY, USA
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)
Vol. 2002, pp. Abstract No. 191.18. <http://sfn.scholarone.com>. cd-rom.
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience.
Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 19 Jun 2003
Last Updated on STN: 19 Jun 2003

L3 ANSWER 75 OF 122 USPATFULL on STN
AN 2001:215066 USPATFULL
TI Agents for use in the treatment of Alzheimer's disease
IN Bush, Ashley I., Somerville, MA, United States
Huang, Xudong, Cambridge, MA, United States
Atwood, Craig S., Somerville, MA, United States
Tanzi, Rudolph E., Canton, MA, United States
PA The General Hospital Corporation, Boston, MA, United States (U.S.
corporation)
PI US 6323218 B1 20011127
AI US 1998-38154 19980311 (9)
DT Utility
FS GRANTED
LN.CNT 4192
INCL INCLM: 514/311.000
INCLS: 514/244.000; 514/420.000; 514/707.000
NCL NCLM: 514/311.000
NCLS: 514/244.000; 514/420.000; 514/707.000
IC [7]
ICM: A61K031-47
ICS: A61K031-53; A61K031-40; A61K031-105
EXF 514/311; 514/244; 514/420; 514/707
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 76 OF 122 USPATFULL on STN
AN 2001:56082 USPATFULL
TI Amyloid .beta. protein (globular assembly and uses thereof)
IN Krafft, Grant A., Glenview, IL, United States
Klein, William L., Winnetka, IL, United States
Chromy, Brett A., Evanston, IL, United States
Lambert, Mary P., Glenview, IL, United States
Finch, Caleb E., Altadena, CA, United States
Morgan, Todd, Manhattan Beach, CA, United States
Wals, Pat, Los Angeles, CA, United States
Rozovsky, Irina, Pasadena, CA, United States
Barlow, Ann, Evanston, IL, United States
PA Northwestern University, Evanston, IL, United States (U.S. corporation)
University of Southern California, Los Angeles, CA, United States (U.S.
corporation)
PI US 6218506 B1 20010417
AI US 1997-796089 19970205 (8)
DT Utility
FS Granted
LN.CNT 941
INCL INCLM: 530/324.000
INCLS: 530/350.000; 514/012.000; 436/086.000
NCL NCLM: 530/324.000
NCLS: 436/086.000; 530/350.000
IC [7]
ICM: A61K038-16
ICS: C07K014-435
EXF 530/324; 530/350; 514/12; 436/86
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 77 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 18
 AN 2001:272216 BIOSIS
 DN PREV200100272216
 TI Mutant ****presenilins*** disturb neuronal calcium homeostasis in the
 brain of transgenic mice, decreasing the threshold for excitotoxicity and
 facilitating long-term ****potentiation*** .
 AU Schneider, Ilka; Reverse, Delphine; Dewachter, Ilse; Ris, Laurence;
 Caluwaerts, Nathalie; Kuiperi, Cuno; Gilis, Martine; Geerts, Hugo;
 Kretzschmar, Hans; Godaux, Emile; Moechars, Dieder; Van Leuven, Fred
 [Reprint author]; Herms, Jochen
 CS Experimental Genetics Group, Center for Human Genetics, Katholieke
 Universiteit Leuven, Campus Gasthuisberg O and N 06, B-3000, Leuven,
 Belgium
 fredvl@med.kuleuven.ac.be
 SO Journal of Biological Chemistry, (April 13, 2001) Vol. 276, No. 15, pp.
 11539-11544. print.
 CODEN: JBCHA3. ISSN: 0021-9258.
 DT Article
 LA English
 ED Entered STN: 6 Jun 2001
 Last Updated on STN: 19 Feb 2002

L3 ANSWER 78 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 2001:529482 SCISEARCH
 GA The Genuine Article (R) Number: 445JP
 TI Age-related impairment of synaptic transmission but normal long-term
 ****potentiation*** in transgenic mice that overexpress the human
 APP695SWE mutant form of amyloid precursor protein
 AU Fitzjohn S M (Reprint); Morton R A; Kuenzi F; Rosahl T W; Shearman M;
 Lewis H; Smith D; Reynolds D S; Davies C H; Collingridge G L; Seabrook G R
 CS Univ Bristol, Sch Med Sci, Dept Anat, MRC, Ctr Synapt Plast, Univ Walk,
 Bristol BS8 1TD, Avon, England (Reprint); Univ Bristol, Sch Med Sci, Dept
 Anat, MRC, Ctr Synapt Plast, Bristol BS8 1TD, Avon, England; Univ
 Edinburgh, Dept Pharmacol, Edinburgh EH8 9JZ, Midlothian, Scotland; Merck
 Sharp & Dohme Ltd, Neurosci Res Ctr, Res Labs, Harlow CM20 2QR, Essex,
 England
 CYA England; Scotland
 SO JOURNAL OF NEUROSCIENCE, (1 JUL 2001) Vol. 21, No. 13, pp. 4691-4698.
 Publisher: SOC NEUROSCIENCE, 11 DUPONT CIRCLE, NW, STE 500, WASHINGTON, DC
 20036 USA.
 ISSN: 0270-6474.
 DT Article; Journal
 LA English
 REC Reference Count: 41
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 79 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2001:498232 BIOSIS
 DN PREV200100498232
 TI APP processing, Notch signalling and synaptic plasticity in conditional
 ****presenilin*** -1 KO mice.
 AU Shen, J. [Reprint author]; Yu, H. [Reprint author]; Saura, C. A. [Reprint
 author]; Choi, S.; Sun, L.; Yang, X. [Reprint author]; Handler, M.
 [Reprint author]; Kawarabayashi, T.; Wilson, M.; Younkin, S.; Kandel, E.;
 Kirkwood, A.
 CS Center for Neurologic Diseases, Harvard Med Sch, Boston, MA, USA
 SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 925. print.
 Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San
 Diego, California, USA. November 10-15, 2001.
 ISSN: 0190-5295.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 24 Oct 2001
 Last Updated on STN: 23 Feb 2002

L3 ANSWER 80 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2001:109922 BIOSIS
 DN PREV200100109922
 TI ****Presenilin*** -1 mutations reduce cytoskeletal association,
 deregulate neurite growth, and potentiate neuronal dystrophy and tau
 phosphorylation.
 AU Pigino, Gustavo; Pelsman, Alejandra; Mori, Hiroshi; Busciglio, Jorge
 [Reprint author]
 CS Department of Neuroscience, University of Connecticut Health Center, 263

Farmington Avenue, Farmington, CT, 06030, USA
 busciglio@nso1.uchc.edu
 SO Journal of Neuroscience, (February 1, 2001) Vol. 21, No. 3, pp. 834-842.
 print.
 CODEN: JNRSDS. ISSN: 0270-6474.
 DT Article
 LA English
 ED Entered STN: 28 Feb 2001
 Last Updated on STN: 15 Feb 2002

L3 ANSWER 81 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 19
 AN 2001:478593 BIOSIS
 DN PREV200100478593
 TI APP processing and synaptic plasticity in ***Presenilin*** -1
 conditional knockout mice.
 AU Yu, Huakui; Saura, Carlos A.; Choi, Se-Young; Sun, Linus D.; Yang, Xudong;
 Handler, Melissa; Kawarabayashi, Takeshi; Younkin, Linda; Fedeles, Bogdan;
 Wilson, Matthew A.; Younkin, Steve; Kandel, Eric R.; Kirkwood, Alfredo;
 Shen, Jie [Reprint author]
 CS Center for Neurologic Diseases, Brigham and Women's Hospital, Harvard
 Medical School, Boston, MA, 02115, USA
 jshen@rics.bwh.harvard.edu
 SO Neuron, (September 13, 2001) Vol. 31, No. 5, pp. 713-726. print.
 ISSN: 0896-6273.
 DT Article
 LA English
 ED Entered STN: 10 Oct 2001
 Last Updated on STN: 23 Feb 2002

L3 ANSWER 82 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 2001:418210 SCISEARCH
 GA The Genuine Article (R) Number: 432WJ
 TI Genes, models and Alzheimer's disease
 AU Chapman P F (Reprint); Falinska A M; Knevett S G; Ramsay M F
 CS Cardiff Univ, Cardiff Sch Biosci, Biomed Sci Bldg, POB 911, Cardiff CF10
 3US, S Glam, Wales (Reprint); Cardiff Univ, Cardiff Sch Biosci, Cardiff
 CF10 3US, S Glam, Wales
 CYA Wales
 SO TRENDS IN GENETICS, (MAY 2001) Vol. 17, No. 5, pp. 254-261.
 Publisher: ELSEVIER SCIENCE LONDON, 84 THEOBALDS RD, LONDON WC1X 8RR,
 ENGLAND.
 ISSN: 0168-9525.
 DT General Review; Journal
 LA English
 REC Reference Count: 76
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 83 OF 122 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
 RESERVED. on STN
 AN 2001142257 EMBASE
 TI Molecular mechanism of deposition of amyloid .beta.-protein.
 AU Yanagisawa K.
 CS K. Yanagisawa, Department of Dementia Research, Natl. Inst. for Longevity
 Sciences, 36-3 Gengo, Morioka, Obu 474-8522, Japan
 SO Brain and Nerve, (2001) 53/3 (227-233).
 Refs: 35
 ISSN: 0006-8969 CODEN: NOTOA6
 CY Japan
 DT Journal; General Review
 FS 005 General Pathology and Pathological Anatomy
 008 Neurology and Neurosurgery
 LA Japanese

L3 ANSWER 84 OF 122 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 20
 AN 2001:588332 CAPLUS
 DN 136:181313
 TI Modelling Alzheimer's disease in multiple transgenic mice
 AU Dewachter, Ilse; Moechars, Dieder; Van Dorpe, Jo; Tesseur, Ina; Van den
 Haute, Chris; Spittaels, Kurt; Van Leuven, Fred
 CS Experimental Genetics Group, Center for Human Genetics, Flemish Institute
 for Biotechnology (VIB), K. U. Leuven, Louvain, B-3000, Belg.
 SO Biochemical Society Symposia (2001), 67(Neuronal Signal Transduction and
 Alzheimer's Disease), 203-210
 CODEN: BSSYAT; ISSN: 0067-8694
 PB Portland Press Ltd.

DT Journal; General Review

LA English

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 85 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2001:791805 SCISEARCH
GA The Genuine Article (R) Number: BS87Q
TI Modelling Alzheimer's disease in multiple transgenic mice
AU Dewachter I; Moechars D; van Dorpe J; Tesseur I; Van den Haute C;
Spittaels K; Van Leuven F (Reprint)
CS Flemish Inst Biotechnol, Ctr Human Genet, Expt Genet Grp, KU Leuven
Campus, Gasthuisberg, B-3000 Louvain, Belgium (Reprint); Flemish Inst
Biotechnol, Ctr Human Genet, Expt Genet Grp, B-3000 Louvain, Belgium
CYA Belgium
SO NEURONAL SIGNAL TRANSDUCTION AND ALZHEIMER'S DISEASE, (27 SEP 2001) No.
67, pp. 203-210.
Publisher: PORTLAND PRESS LTD, 59 PORTLAND PL, LONDON W1N 3AJ, ENGLAND.
ISSN: 0067-8694.

DT Article; Journal

LA English

REC Reference Count: 18

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 86 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2001:276504 SCISEARCH
GA The Genuine Article (R) Number: 414BC
TI Say NO to Alzheimer's disease: the putative links between nitric oxide and
dementia of the Alzheimer's type
AU Law A; Gauthier S; Quirion R (Reprint)
CS Douglas Hosp, Res Ctr, Verdun, PQ H4H 1R3, Canada (Reprint); McGill Univ,
Dept Psychiat, Montreal, PQ H3B 2A1, Canada; McGill Univ, Dept Neurol &
Neurosurg, Montreal, PQ H3B 2A1, Canada
CYA Canada
SO BRAIN RESEARCH REVIEWS, (MAR 2001) Vol. 35, No. 1, pp. 73-96.
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,
NETHERLANDS.
ISSN: 0165-0173.

DT General Review; Journal

LA English

REC Reference Count: 469

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 87 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2001:117886 SCISEARCH
GA The Genuine Article (R) Number: 397PF
TI The role of Alzheimer's disease-related ***presenilin*** 1 in
intercellular adhesion
AU Singh N; Talalayeva Y; Tsiper M; Romanov V; Dranovsky A; Colflesh D;
Rudamen G; Vitek M P; Shen J; Yang X D; Goldgaber D; Schwarzman A L
(Reprint)
CS SUNY Stony Brook, Dept Psychiat, HSC, T-10, Stony Brook, NY 11794 USA
(Reprint); SUNY Stony Brook, Dept Psychiat, HSC, Stony Brook, NY 11794
USA; SUNY Stony Brook, Dept Med, Stony Brook, NY 11794 USA; SUNY Stony
Brook, UMIC, Stony Brook, NY 11794 USA; Duke Univ, Med Ctr, Dept Neurol,
Durham, NC 27710 USA; Brigham & Womens Hosp, Ctr Neurol Dis, Boston, MA
02115 USA
CYA USA
SO EXPERIMENTAL CELL RESEARCH, (1 FEB 2001) Vol. 263, No. 1, pp. 1-13.
Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA
92101-4495 USA.
ISSN: 0014-4827.

DT Article; Journal

LA English

REC Reference Count: 87

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 88 OF 122 USPATFULL on STN
AN 2000:137814 USPATFULL
TI Allelic polygene diagnosis of reward deficiency syndrome and treatment
IN Blum, Kenneth, San Antonio, TX, United States
PA City of Hope National Medical Center, Duarte, CA, United States (U.S.
corporation)
The University of Texas System AMD Board of Regents, Austin, TX, United
States (U.S. corporation)
PI US 6132724 20001017

AI US 1998-69886 19980429 (9)
 DT Utility
 FS Granted
 LN.CNT 20845
 INCL INCLM: 424/195.100
 INCLS: 514/188.000; 514/561.000
 NCL NCLM: 424/725.000
 NCLS: 514/188.000; 514/561.000
 IC [7]
 ICM: A61K035-78
 EXF 514/188; 514/561; 424/195.1

L3 ANSWER 89 OF 122 USPATFULL on STN
 AN 2000:124823 USPATFULL
 TI Human Delta3 nucleic acid molecules
 IN McCarthy, Sean Anthony, Boston, MA, United States
 Gearing, David Paul, Wellesley, MA, United States
 PA Millennium Biotherapeutics, Inc., Cambridge, MA, United States (U.S. corporation)
 PI US 6121045 20000919
 AI US 1997-872855 19970611 (8)
 RLI Continuation-in-part of Ser. No. US 1997-832633, filed on 4 Apr 1997, now abandoned
 DT Utility
 FS Granted
 LN.CNT 5656
 INCL INCLM: 435/325.000
 INCLS: 435/320.100; 435/252.300; 435/254.110; 536/023.500
 NCL NCLM: 435/325.000
 NCLS: 435/252.300; 435/254.110; 435/320.100; 536/023.500
 IC [7]
 ICM: C07H021-04
 ICS: C12N015-63; C12N015-85
 EXF 435/70.1; 435/243; 435/252.3; 435/325; 435/320.1; 435/6; 435/254.11; 536/23.1; 536/23.5; 536/24.3; 536/24.31; 536/24.33; 536/235
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 90 OF 122 USPATFULL on STN
 AN 2000:12606 USPATFULL
 TI Method for identifying substances that affect the interaction of a
 presenilin -1-interacting protein with a mammalian
 presenilin -1 protein
 IN St. George-Hyslop, Peter H., Toronto, Canada
 Rommens, Johanna M., Toronto, Canada
 Fraser, Paul E., Toronto, Canada
 PA Research and Development Limited Partnership, Toronto, Canada (non-U.S. corporation)
 PI US 6020143 20000201
 AI US 1997-888077 19970703 (8)
 RLI Continuation-in-part of Ser. No. US 1996-592541, filed on 26 Jan 1996
 PRAI US 1996-21673P 19960705 (60)
 US 1996-21700P 19960712 (60)
 US 1996-29895P 19961108 (60)
 US 1997-34590P 19970102 (60)
 DT Utility
 FS Granted
 LN.CNT 7847
 INCL INCLM: 435/007.100
 INCLS: 530/350.000
 NCL NCLM: 435/007.100
 NCLS: 530/350.000
 IC [6]
 ICM: C12Q001-00
 ICS: C07K014-00
 EXF 435/7.1; 530/350
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 91 OF 122 USPATFULL on STN
 AN 2000:1862 USPATFULL
 TI Vasoactive effects and free radical generation by .beta.-amyloid peptides
 IN Thomas, Thomas N., Palm Harbor, FL, United States
 Mullan, Michael, Tampa, FL, United States
 Arendash, Gary W., Lutz, FL, United States
 Crawford, Fiona C., Tampa, FL, United States
 Suo, Zhiming, Tampa, FL, United States

PA University of South Florida, Tampa, FL, United States (U.S. corporation)
PI US 6011019 20000104
AI US 1996-747457 19961112 (8)
RLI Continuation-in-part of Ser. No. US 1996-615593, filed on 12 Mar 1996
DT Utility
FS Granted
LN.CNT 2634
INCL INCLM: 514/043.000
INCLS: 424/718.000; 424/094.400
NCL NCLM: 514/043.000
NCLS: 424/094.400; 424/718.000
IC [6]
ICM: A01N043-04
EXF 514/43; 424/718; 424/94.4
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 92 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2000:747909 SCISEARCH
GA The Genuine Article (R) Number: 358VM
TI A protective role of the low density lipoprotein receptor-related protein
against amyloid beta-protein toxicity
AU VanUden E; Sagara Y; VanUden J; Orlando R; Mallory M; Rockenstein E;
Masliah E (Reprint)
CS UNIV CALIF SAN DIEGO, SCH MED, DEPT NEUROSCI, LA JOLLA, CA 92093
(Reprint); UNIV CALIF SAN DIEGO, SCH MED, DEPT NEUROSCI, LA JOLLA, CA
92093; UNIV CALIF SAN DIEGO, SCH MED, DEPT MED, LA JOLLA, CA 92093; UNIV
CALIF SAN DIEGO, SCH MED, DEPT PATHOL, LA JOLLA, CA 92093
CYA USA
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (29 SEP 2000) Vol. 275, No. 39, pp.
30525-30530.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
PIKE, BETHESDA, MD 20814.
ISSN: 0021-9258.
DT Article; Journal
FS LIFE
LA English
REC Reference Count: 47
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 93 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 21
AN 2000:308878 BIOSIS
DN PREV200000308878
TI Capacitative calcium entry deficits and elevated luminal calcium content
in mutant ***presenilin*** -1 knockin mice.
AU Leissring, Malcolm A.; Akbari, Yama; Fanger, Christopher M.; Cahalan,
Michael D.; Mattson, Mark P.; LaFerla, Frank M. [Reprint author]
CS Department of Neurobiology and Behavior, University of California Irvine,
1109 Gillespie Neuroscience Research Facility, Irvine, CA, 92697-4545, USA
SO Journal of Cell Biology, (May 15, 2000) Vol. 149, No. 4, pp. 793-797.
print.
CODEN: JCLBA3. ISSN: 0021-9525.
DT Article
LA English
ED Entered STN: 19 Jul 2000
Last Updated on STN: 7 Jan 2002

L3 ANSWER 94 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2000:728687 SCISEARCH
GA The Genuine Article (R) Number: 356GL
TI Emerging neuroprotective strategies for Alzheimer's disease: dietary
restriction, telomerase activation, and stem cell therapy
AU Mattson M P (Reprint)
CS NIA, LAB NEUROSCI 4F01, 5600 NATHAN SHOCK DR, BALTIMORE, MD 21224
(Reprint)
CYA USA
SO EXPERIMENTAL GERONTOLOGY, (JUL 2000) Vol. 35, No. 4, pp. 489-502.
Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,
KIDLINGTON, OXFORD OX5 1GB, ENGLAND.
ISSN: 0531-5565.
DT General Review; Journal
FS LIFE
LA English
REC Reference Count: 99
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 95 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2000:365250 BIOSIS
 DN PREV200000365250
 TI A ***presenilin*** I mutation linked to human familial Alzheimer's
 disease does not alter synaptic plasticity in transgenic rats.
 AU Pybus, R. [Reprint author]; Estibeiro, P. [Reprint author]; MacLeod, N. K.
 [Reprint author]
 CS Dept Biomedical Science, Edinburgh, UK
 SO European Journal of Neuroscience, (2000) Vol. 12, No. Supplement 11, pp.
 217. print.
 Meeting Info.: Meeting of the Federation of European Neuroscience
 Societies. Brighton, UK. June 24-28, 2000.
 ISSN: 0953-816X.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Poster)
 LA English
 ED Entered STN: 23 Aug 2000
 Last Updated on STN: 8 Jan 2002

L3 ANSWER 96 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 22
 AN 2000:288782 BIOSIS
 DN PREV200000288782
 TI Functional phenotype in transgenic mice expressing mutant human
 presenilin -1.
 AU Barrow, Paul A.; Empson, Ruth M.; Gladwell, Simon J.; Anderson, Caroline
 M.; Killick, Richard; Yu, Xin; Jefferys, John G. R. [Reprint author];
 Duff, Karen
 CS Department of Neurophysiology, The Medical School, University of
 Birmingham, Edgbaston, Birmingham, B15 2TT, UK
 SO Neurobiology of Disease, (April, 2000) Vol. 7, No. 2, pp. 119-126. print.
 ISSN: 0969-9961.
 DT Article
 LA English
 ED Entered STN: 6 Jul 2000
 Last Updated on STN: 7 Jan 2002

L3 ANSWER 97 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 2001:25200 SCISEARCH
 GA The Genuine Article (R) Number: 385VT
 TI Animal models of Alzheimer's disease and evaluation of anti-dementia drugs
 AU Yamada K; Nabeshima T (Reprint)
 CS Nagoya Univ, Grad Sch Med, Dept Neuropsychopharmacol, Showa Ku, Nagoya,
 Aichi 4668560, Japan (Reprint); Nagoya Univ, Hosp Pharm, Grad Sch Med,
 Showa Ku, Nagoya, Aichi 4668560, Japan
 CYA Japan
 SO PHARMACOLOGY & THERAPEUTICS, (NOV 2000) Vol. 88, No. 2, pp. 93-113.
 Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,
 KIDLINGTON, OXFORD OX5 1GB, ENGLAND.
 ISSN: 0163-7258.
 DT General Review; Journal
 LA English
 REC Reference Count: 281
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 98 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 2000:622400 SCISEARCH
 GA The Genuine Article (R) Number: 343PJ
 TI Transgenic mouse models of Alzheimer's disease
 AU Janus C; Chishti M A; Westaway D (Reprint)
 CS UNIV TORONTO, CTR RES NEURODEGENERAT DIS, TANZ NEUROSCI BLDG, 6 QUEENS PK
 CRESCENT W, TORONTO, ON M5S 3H2, CANADA (Reprint); UNIV TORONTO, CTR RES
 NEURODEGENERAT DIS, TORONTO, ON M5S 3H2, CANADA; UNIV TORONTO, DEPT LAB
 MED & PATHOBIOL, TORONTO, ON M5S 3H2, CANADA
 CYA CANADA
 SO BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR BASIS OF DISEASE, (26 JUL 2000)
 Vol. 1502, No. 1, pp. 63-75.
 Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,
 NETHERLANDS.
 ISSN: 0925-4439.
 DT General Review; Journal
 FS LIFE
 LA English
 REC Reference Count: 111

L3 ANSWER 99 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 23
AN 2000:243251 BIOSIS
DN PREV200000243251
TI Enhanced synaptic ***potentiation*** in transgenic mice expressing
presenilin 1 familial Alzheimer's disease mutation is normalized
with a benzodiazepine.
AU Zaman, Shahid H.; Parent, Angele; Laskey, Aaron; Lee, Michael K.;
Borchelt, David R.; Sisodia, Sangram S.; Malinow, Roberto [Reprint author]
CS Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, 11724-0100, USA
SO Neurobiology of Disease, (Feb., 2000) Vol. 7, No. 1, pp. 54-63. print.
ISSN: 0969-9961.
DT Article
LA English
ED Entered STN: 14 Jun 2000
Last Updated on STN: 5 Jan 2002

L3 ANSWER 100 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:92360 BIOSIS
DN PREV200100092360
TI Altered calcium signaling in cells lacking ***presenilin*** -associated
gamma-secretase activity.
AU Leissring, M. A. [Reprint author]; Haig, B. R.; LaFerla, F. M.
CS University of California, Irvine, CA, USA
SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract
No.-474.7. print.
Meeting Info.: 30th Annual Meeting of the Society of Neuroscience. New
Orleans, LA, USA. November 04-09, 2000. Society for Neuroscience.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 21 Feb 2001
Last Updated on STN: 12 Feb 2002

L3 ANSWER 101 OF 122 USPATFULL on STN
AN 1999:146629 USPATFULL
TI Treatment of neurodegenerative conditions with nimesulide
IN Pasinetti, Giulio M., 134 E. 93.sup.rd St., New York, NY, United States
10028
Aisen, Paul S., 26 Broadmoor Rd., Scarsdale, NY, United States 10583
PI US 5985930 19991116
AI US 1997-831402 19970401 (8)
PRAI US 1996-33332P 19961121 (60)
DT Utility
FS Granted
LN.CNT 671
INCL INCLM: 514/607.000
NCL NCLM: 514/607.000
IC [6]
ICM: A61K031-16
EXF 514/607
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 102 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 24
AN 1999:180714 BIOSIS
DN PREV199900180714
TI Alzheimer's ***presenilin*** -1 mutation potentiates inositol
1,4,5-trisphosphate-mediated calcium signaling in Xenopus oocytes.
AU Leissring, Malcolm A.; Paul, Brooke A.; Parker, Ian; Cotman, Carl W.;
LaFerla, Frank M. [Reprint author]
CS Laboratory of Molecular Neuropathogenesis, Department of Psychobiology,
University of California at Irvine, 1109 Gillespie Neuroscience Facility,
Irvine, CA, 92697-4545, USA
SO Journal of Neurochemistry, (March, 1999) Vol. 72, No. 3, pp. 1061-1068.
print.
CODEN: JONRA9. ISSN: 0022-3042.
DT Article
LA English
ED Entered STN: 5 May 1999
Last Updated on STN: 5 May 1999

L3 ANSWER 103 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:144700 BIOSIS
DN PREV200000144700

TI Selective disruption of late-phase LTP in mice under-expressing
presenilin -1.
AU Morton, R. A. [Reprint author]; Kuenzi, F.; Fitzjohn, S. M. [Reprint
author]; Rosahl, T. W. [Reprint author]; Zheng, H. [Reprint author]; Coan,
E. J. [Reprint author]; Collingridge, G. L. [Reprint author]; Seabrook, G.
R.
CS Department of Anatomy, University of Bristol, Bristol, BS8 1TD, UK
SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 990.
print.
Meeting Info.: 29th Annual Meeting of the Society for Neuroscience. Miami
Beach, Florida, USA. October 23-28, 1999. Society for Neuroscience.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 19 Apr 2000
Last Updated on STN: 4 Jan 2002

L3 ANSWER 104 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1999:827634 SCISEARCH
GA The Genuine Article (R) Number: 249AC
TI Protective effects of asiaticoside derivatives against beta-amyloid
neurotoxicity
AU Inhee M J; Shin J E; Yun S H; Huh K; Koh J Y; Park H K; Jew S S (Reprint);
Jung M W
CS AJOU UNIV, SCH MED, INST MED SCI, NEUROSCI LAB, SUWON 442721, SOUTH KOREA
(Reprint); AJOU UNIV, SCH MED, INST MED SCI, NEUROSCI LAB, SUWON 442721,
SOUTH KOREA; AJOU UNIV, SCH MED, BRAIN DIS RES CTR, SUWON 442721, SOUTH
KOREA; AJOU UNIV, SCH MED, DEPT NEUROL, SUWON 442721, SOUTH KOREA; UNIV
ULSAN, NATL CREAT RES INITIAT CTR CNS ZINC STUDY GRP, SEOUL, SOUTH KOREA;
SEOUL NATL UNIV, SCH PHARMACOL, RES CTR NEW DRUGS DEV, SEOUL, SOUTH KOREA
CYA SOUTH KOREA
SO JOURNAL OF NEUROSCIENCE RESEARCH, (1 NOV 1999) Vol. 58, No. 3, pp.
417-425.
Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK,
NY 10158-0012.
ISSN: 0360-4012.
DT Article; Journal
FS LIFE
LA English
REC Reference Count: 31
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 105 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1999:246184 SCISEARCH
GA The Genuine Article (R) Number: 179EN
TI Mechanisms contributing to the deficits in hippocampal synaptic plasticity
in mice lacking amyloid precursor protein
AU Seabrook G R (Reprint); Smith D W; Bowery B J; Easter A; Reynolds T;
Fitzjohn S M; Morton R A; Zheng H; Dawson G R; Sirinathsinghji D J S;
Davies C H; Collingridge G L; Hill R G
CS MERCK SHARP & DOHME RES LABS, CTR RES NEUROSCI, TERLINGS P, EASTWICK RD,
HARLOW CM20 2QR, ESSEX, ENGLAND (Reprint); UNIV BRISTOL, DEPT ANAT,
BRISTOL BS8 1TD, AVON, ENGLAND; UNIV EDINBURGH, DEPT PHARMACOL, EDINBURGH
EH8 9JZ, MIDLOTHIAN, SCOTLAND; MERCK RES LABS, RAHWAY, NJ
CYA ENGLAND; SCOTLAND; USA
SO NEUROPHARMACOLOGY, (MAR 1999) Vol. 38, No. 3, pp. 349-359.
Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,
KIDLINGTON, OXFORD OX5 1GB, ENGLAND.
ISSN: 0028-3908.
DT Article; Journal
FS LIFE
LA English
REC Reference Count: 27
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 106 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1999:594998 SCISEARCH
GA The Genuine Article (R) Number: 220TX
TI Impaired synaptic plasticity and learning in aged amyloid precursor
protein transgenic mice
AU Chapman P F; White G L; Jones M W; CooperBlacketer D; Marshall V J;
Irizarry M; Younkin L; Good M A; Bliss T V P; Hyman B T; Younkin S G;
Hsiao K K (Reprint)
CS UNIV MINNESOTA, SCH MED, DEPT NEUROL, MINNEAPOLIS, MN 55455 (Reprint);
UNIV MINNESOTA, SCH MED, DEPT NEUROL, MINNEAPOLIS, MN 55455; UNIV WALES

COLL CARDIFF, CARDIFF BUSINESS SCH, CARDIFF CF1 3US, S GLAM, WALES; NATL INST MED RES, DIV NEUROPHYSIOL, LONDON NW7 1AA, ENGLAND; MASSACHUSETTS GEN HOSP, DEPT NEUROL, BOSTON, MA 02114; MAYO CLIN JACKSONVILLE, JACKSONVILLE, FL 32224; UNIV WALES COLL CARDIFF, SCH PSYCHOL, CARDIFF CF1 3US, S GLAM, WALES

CYA USA; WALES; ENGLAND

SO NATURE NEUROSCIENCE, (MAR 1999) Vol. 2, No. 3, pp. 271-276.
Publisher: NATURE AMERICA INC, 345 PARK AVE SOUTH, NEW YORK, NY 10010-1707.
ISSN: 1097-6256.

DT Article; Journal

FS LIFE

LA English

REC Reference Count: 32

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 107 OF 122 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN DUPLICATE 25

AN 1999344653 EMBASE

TI Caspase and calpain substrates: Roles in synaptic plasticity and cell death.

AU Chan S.L.; Mattson M.P.

CS M.P. Mattson, 211 Sanders-Brown Building, 800 South Limestone Street, Lexington, KY 40536, United States. mmattson@aging.coa.uky.edu

SO Journal of Neuroscience Research, (1 Oct 1999) 58/1 (167-190).

Refs: 331

ISSN: 0360-4012 CODEN: JNREDK

CY United States

DT Journal; Article

FS 008 Neurology and Neurosurgery

LA English

SL English

L3 ANSWER 108 OF 122 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 26

AN 1999:178554 CAPLUS

DN 131:3767

TI Synaptic transmission and hippocampal long-term ***potentiation*** in transgenic mice expressing FAD-linked ***presenilin*** 1

AU Parent, Angele; Linden, David J.; Sisodia, Sangram S.; Borchelt, David R.

CS Department of Neuroscience, Johns Hopkins University School of Medicine, Baltimore, MD, USA

SO Neurobiology of Disease (1999), 6(1), 56-62

CODEN: NUDIEM; ISSN: 0969-9961

PB Academic Press

DT Journal

LA English

RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 109 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 1999:703099 SCISEARCH

GA The Genuine Article (R) Number: 234GY

TI Alterations in synaptic transmission and long-term ***potentiation*** in hippocampal slices from young and aged PDAPP mice

AU Larson J (Reprint); Lynch G; Games D; Seubert P

CS UNIV ILLINOIS, COLL MED, DEPT PSYCHIAT, PSYCHIAT INST MC 912, 1601 W TAYLOR ST, CHICAGO, IL 60612 (Reprint); UNIV CALIF IRVINE, CTR NEUROBIOL LEARNING & MEMORY, IRVINE, CA 92697; UNIV CALIF IRVINE, DEPT PSYCHIAT & HUMAN BEHAV, IRVINE, CA 92697; ELAN PHARMACEUT, S SAN FRANCISCO, CA 94080; UNIV ILLINOIS, COLL MED, DEPT PSYCHIAT, INST PSYCHIAT, CHICAGO, IL 61612

CYA USA

SO BRAIN RESEARCH, (4 SEP 1999) Vol. 840, No. 1-2, pp. 23-35.

Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS.

ISSN: 0006-8993.

DT Article; Journal

FS LIFE

LA English

REC Reference Count: 34

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 110 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN DUPLICATE 27

AN 1999:199818 BIOSIS

DN PREV199900199818

TI Transgenic animals relevant to Alzheimer's disease.

AU Seabrook, Guy R. [Reprint author]; Rosahl, Thomas W.
CS Neuroscience Research Centre, Merck Sharp and Dohme Research Laboratories,
Terlings Park, Eastwick Road, Harlow, Essex, CM20 2QR, UK
SO Neuropharmacology, (Jan., 1999) Vol. 38, No. 1, pp. 1-17. print.
CODEN: NEPHBW. ISSN: 0028-3908.
DT Article
LA English
ED Entered STN: 25 May 1999
Last Updated on STN: 25 May 1999

L3 ANSWER 111 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1999:48490 BIOSIS
DN PREV199900048490
TI The effects of ***presenilin*** 1 mutations on synaptic physiology
assessed in transgenic mouse models.
AU Zaman, S. H. [Reprint author]; Parent, A.; Laskey, A. [Reprint author];
Lee, M. K.; Borchelt, D. R.; Sisodia, S.; Malinow, R. [Reprint author]
CS Cold Spring Harbor Lab., CSH, NY 11724, USA
SO Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 471.
print.
Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part
1. Los Angeles, California, USA. November 7-12, 1998. Society for
Neuroscience.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 10 Feb 1999
Last Updated on STN: 10 Feb 1999

L3 ANSWER 112 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1997:527642 BIOSIS
DN PREV199799826845
TI Alteration of long-term synaptic plasticity in CA1 hippocampus of
transgenic mice expressing FAD-linked ***presenilin*** 1.
AU Borchelt, D. R. [Reprint author]; Parent, A. R.; Jenkins, N. A.; Copeland,
N. G.; Price, D. L.; Linden, D. J.; Sisodia, S. S.
CS Dep. Pathol., Johns Hopkins Univ. Sch. Med., Baltimore, MD 21205, USA
SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 1176.
Meeting Info.: 27th Annual Meeting of the Society for Neuroscience. New
Orleans, Louisiana, USA. October 25-30, 1997.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 12 Dec 1997
Last Updated on STN: 12 Dec 1997

L3 ANSWER 113 OF 122 CEN COPYRIGHT 2004 ACS on STN
AN 97:155 CEN
TI BRINGING BACK THE MEMORIES
Expanding understanding of Alzheimer's disease drives development of new
drugs
AU Brennan, Mairin B.
SO Chemical & Engineering News, (20 Jan 1997) Vol. 75, No. 3, pp. 29.
CODEN: CENEAR, ISSN: 0009-2347.
PB American Chemical Society
LA English
WC 3567

L3 ANSWER 114 OF 122 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:144528 FEDRIP
NR CRISP 1R01AG21982-01
TI Gene interactions in a model of Alzheimer's disease
SF Principal Investigator: LAFERLA, FRANK M; LAFERLA@UIC.EDU, UNIVERSITY OF
CALIFORNIA, IRVINE, 2205 MCGAUGH HALL
CSP UNIVERSITY OF CALIFORNIA IRVINE, IRVINE, CALIFORNIA
CSS Supported By: NATIONAL INSTITUTE ON AGING
DB 2007 (/01/03)
FYR 2003
DE 2006 (/30/08)
FU New Award (Type 1)
FS National Institutes of Health

L3 ANSWER 115 OF 122 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:144396 FEDRIP
NR CRISP 5R01AG21494-02
TI Physiology & Pathophysiology of PS1 & FAD-linked Mutants
SF Principal Investigator: SISODIA, SANGRAM S; SSISODIA@DRUGS.BSD.UCHICAGO.ED
U, UNIVERSITY OF CHICAGO, 947 E 58TH ST / MC 0926
CSP UNIVERSITY OF CHICAGO, CHICAGO, ILLINOIS
CSS Supported By: NATIONAL INSTITUTE ON AGING
DB 2005 (/01/02)
FYR 2003
DE 2004 (/30/07)
FU Noncompeting Continuation (Type 5)
FS National Institutes of Health

L3 ANSWER 116 OF 122 TOXCENTER COPYRIGHT 2004 ACS on STN
AN 2003:153083 TOXCENTER
DN CRISP-2002-AG14451-05S1
TI TRANSGENIC MOUSE MODELS OF ALZHEIMERS DISEASE
AU LAMB B T
CS BTL@PO.CWRU.EDU, CASE WESTERN RESERVE UNIVERSITY, 10900 EUCLID AVE,
CLEVELAND, OH 44106-4955:OHIO
CSS U.S. DEPT. OF HEALTH AND HUMAN SERVICES; PUBLIC HEALTH SERVICE; NATIONAL
INSTITUTES OF HEALTH, NATIONAL INSTITUTE ON AGING
SO Crisp Data Base National Institutes of Health.
DT (Research)
FS CRISP
LA English
ED Entered STN: 20030708
Last Updated on STN: 20030708

L3 ANSWER 117 OF 122 TOXCENTER COPYRIGHT 2004 ACS on STN
AN 2002:556821 TOXCENTER
DN CRISP-2000-AG14451-04
TI TRANSGENIC MOUSE MODELS OF ALZHEIMERS DISEASE
AU LAMB B T
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CSS U.S. DEPT. OF HEALTH AND HUMAN SERVICES; PUBLIC HEALTH SERVICE; NATIONAL
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FS CRISP
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AN 2002:551474 TOXCENTER
DN CRISP-1999-AG14451-03
TI TRANSGENIC MOUSE MODELS OF ALZHEIMERS DISEASE
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AN 2002:546447 TOXCENTER
DN CRISP-98-AG14451-01
TI TRANSGENIC MOUSE MODELS OF ALZHEIMERS DISEASE
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AN 2002:523331 TOXCENTER
DN CRISP-99-AG14451-02
TI TRANSGENIC MOUSE MODELS OF ALZHEIMERS DISEASE
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AN 2002:556818 TOXCENTER
DN CRISP-2000-AG14373-030001
TI MITOCHONDRIAL DNA MUTATIONS IN ALZHEIMER'S AND PARKINSON'S DISEASES
AU PARKER D W
CS UNIVERSITY OF VIRGINIA, PO BOX 800394, CHARLOTTESVILLE, VA 22908:VIRGINIA
CSS U.S. DEPT. OF HEALTH AND HUMAN SERVICES; PUBLIC HEALTH SERVICE; NATIONAL
INSTITUTES OF HEALTH, NATIONAL INSTITUTE ON AGING
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Last Updated on STN: 20021200

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AN 2002:551471 TOXCENTER
DN CRISP-1999-AG14373-020001
TI MITOCHONDRIAL DNA MUTATIONS IN ALZHEIMER'S AND PARKINSON'S DISEASES
AU PARKER D W
CS UNIVERSITY OF VIRGINIA, PO BOX 394, HSC, CHARLOTTESVILLE, VA
22908:VIRGINIA
CSS U.S. DEPT. OF HEALTH AND HUMAN SERVICES; PUBLIC HEALTH SERVICE; NATIONAL
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DT (Research)
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